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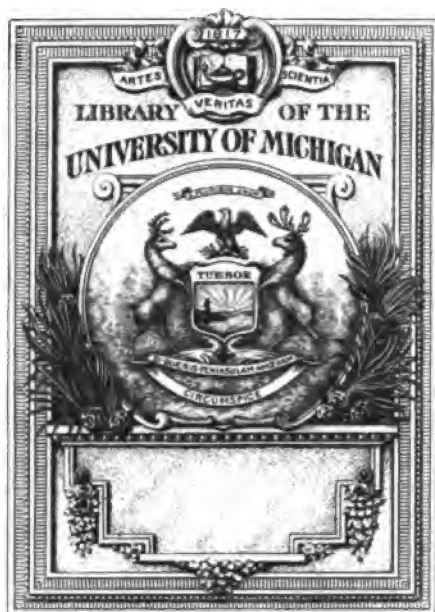
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Bulletin of The Industrial Commission of Ohio

VOL. III

COLUMBUS, OHIO, MARCH 1, 1916

No. 1

**DEPARTMENT OF INVESTIGATION AND STATISTICS
REPORT No. 21**

Industrial Accidents in Ohio January 1, 1914 to June 30, 1915

THE INDUSTRIAL COMMISSION OF OHIO

**WALLACE D. YAPLE, Chairman
T. J. DUFFY**

**HERBERT L. ELIOT
GEO. L. STOUGHTON, Secretary**

**FRED C. CROXTON, Chief Statistician
EDITH M. MILLER, Assistant Statistician**

REPORTS PUBLISHED BY THE DEPARTMENT OF INVESTIGATION AND STATISTICS OF THE INDUSTRIAL COMMISSION OF OHIO.

The Department of Investigation and Statistics of the Industrial Commission of Ohio succeeded the Bureau of Labor Statistics September 1, 1913. The series of annual reports issued by that Bureau, therefore, terminated with the thirty-seventh annual report, for the year ending December 31, 1912. The reports of the Department of Investigation and Statistics are issued at irregular intervals, and are numbered consecutively, beginning with No. 1. Each number is devoted to one general subject. These reports will be furnished free upon application, postage prepaid to residents of Ohio. They will be furnished to non-residents, free, upon receipt of postage, or authorization to send same express C. O. D.

- No. 1. Wages and Hours of Labor of Women and Girls Employed in Mercantile Establishments in Ohio in 1913.
- No. 2. Accident Claims Filed Under the Workmen's Compensation Act of Ohio, March 1, 1912 to December 31, 1913. (Out of print.)
- No. 3. Statistics of Mines and Quarries in Ohio, 1913.
- No. 4. Industrial Accidents in Ohio, January 1, 1914 to June 30, 1914.
- No. 5. Union Scale of Wages and Hours of Labor in Ohio on May 15, 1914.
- No. 6. Industrial Accidents in Montgomery County, Ohio, from July 1 to December 31, 1914.
- No. 7. Industrial Accidents in Franklin County, Ohio, from July 1 to December 31, 1914.
- No. 8. Industrial Accidents in Cuyahoga County, Ohio, from July 1 to December 31, 1914.
- No. 9. Industrial Accidents in Hamilton County, Ohio, from July 1 to December 31, 1914.
- No. 10. Industrial Accidents in Lucas County, Ohio, from July 1 to December 31, 1914.
- No. 11. Industrial Accidents in Mahoning County, Ohio, from July 1 to December 31, 1914.
- No. 12. Industrial Accidents in Summit County, Ohio, from July 1 to December 31, 1914.
- No. 13. Industrial Accidents in Stark County, Ohio, from July 1 to December 31, 1914.
- No. 14. Cost of Living of Working Women in Ohio.
- No. 15. Work of the Free Labor Exchanges of Ohio, for the Year Ending June 30, 1915.
- No. 16. Rates of Wages, Hours of Labor, and Fluctuation of Employment in Ohio in 1914.
- No. 17. Inspection of Workshops, Factories and Public Buildings in Ohio, September 1, 1913 to December 31, 1914.
- No. 18. Physical Examination of Wage Earners in Ohio in 1914.
- No. 19. Statistics of Mines and Quarries in Ohio, 1914.
- No. 20. Union Scale of Wages and Hours of Labor in Ohio on May 15, 1915.
- No. 21. Industrial Accidents in Ohio, January 1, 1914 to June 30, 1915.

THE INDUSTRIAL COMMISSION OF OHIO

DEPARTMENT OF INVESTIGATION AND STATISTICS

REPORT No. 21

Industrial Accidents in Ohio January 1, 1914 to June 30, 1915



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INTRODUCTION.

This report is the third of the series of general accident reports issued by the Department of Investigation and Statistics of the Industrial Commission.

The first of this series (Report No. 2) presented statistics of the claims for compensation for injuries received in the course of employment adjudicated by the State Liability Board of Awards and its successors, The Industrial Commission of Ohio, during the twenty-two months when the workmen's compensation law was a voluntary act, March 1, 1912, to December 31, 1913. The disposition of these claims and the awards granted were shown in the above report in considerable detail.

The second (Report No. 4) presents the same information for the first six months of 1914, which is also the first half year of the Ohio Workmen's Compensation Act as a compulsory measure. In addition to the statistics of claims and awards, however, that report furnishes statistics of the injuries which gave rise to these claims for compensation, showing how and when they occurred, their causes, the nature and extent of the resulting disability, and the previous experience of the injured employees.

The present report (Report No. 21) is similar to No. 4 and contains information for the first eighteen months of the Ohio Workmen's Compensation Act as a compulsory measure, January 1, 1914 to June 30, 1915. It will be noted that this report is cumulative and that it includes the period covered by Report No. 4 and an additional twelve months.

It is believed that the information concerning 100,003 industrial accidents contained in the following pages will be of great assistance in the campaign of accident prevention. Any intelligent efforts to reduce the hazards of industry will take the direction of educating both employers and employees as to the causes of injury, the loss of earning power to employees due to their disability and the cost to employers of providing compensation for injuries which could have been prevented by reasonable care and by the use of proper safety devices. Such figures as those given in the following report, which show the large number of injuries to the eye and the large number of serious injuries due to infection, should go far towards convincing both employers and employees that many industrial injuries are entirely preventable.

In addition to the three general accident reports, the Department of Investigation and Statistics has issued a number of reports dealing

with industrial accidents in certain counties of the State. It is the purpose to issue in the near future brief reports dealing with accidents in certain important industries, accidents ascribed to certain causes, and infections occurring following accidents.

The accident claims upon which this report is based were analyzed and the statistics were compiled under the immediate supervision of Ralph E. Maxwell, who is in charge of the Accident Division of the Department of Investigation and Statistics.

March 1, 1916.

FRED C. CROXTON,
Chief Statistician and Chief Mediator.

INDUSTRIAL ACCIDENTS IN OHIO, JANUARY 1, 1914 TO JUNE 30, 1915.

CLAIMS ADJUDICATED AND AWARDS MADE.

This report presents statistics of industrial accidents adjudicated under the Workmen's Compensation Act by The Industrial Commission of Ohio during the eighteen months from January 1, 1914 (the date when the Workmen's Compensation Act became compulsory) to June 30, 1915.

The Workmen's Compensation Act of Ohio provides four types of compensation to employees injured or to dependents of employees fatally injured by industrial accidents: First, payment from the State Insurance Fund of claims of employees injured in establishments which contribute to this fund; Second, payment direct to injured employees or to dependents of employees fatally injured in establishments where employers carry self-insurance under the State Plan, as provided by Section 22 of the Act; Third, payment from the special State Fund of claims of injured public employees; Fourth, payment under Section 27 of the Act of claims of employees injured in establishments where the employer had neither paid into the State Fund nor secured permission to carry self-insurance under the State Plan.

AGGREGATE AWARDS.

During the eighteen months ending June 30, 1915, the claims of 100,003 injured employees or of families of deceased employees were allowed by The Industrial Commission of Ohio under the Workmen's Compensation Act and additional allowances were made on 353 claims adjudicated prior to January 1, 1914. The total amount awarded was \$4,434,669.37. This amount does not include the cost of medical and hospital attention in establishments where the employer carried self-insurance under the State Plan, and was, therefore, required to furnish medical and hospital attention to injured employees without expense to the employee.

\$32,683.21 was awarded from the State Fund as additional allowance on 353 claims adjudicated prior to January 1, 1914.

\$3,265,318.34 was awarded from the State Fund on claims adjudicated during the eighteen months ending June 30, 1915.

\$913,380.39 was the amount approved by the Commission for accidents in establishments carrying self-insurance under the State Plan. The law also requires employers carrying insurance under this plan to

furnish medical and hospital attention without expense to injured employees. The medical and hospital expenses are not included in this amount, whereas such expenses are included in the amounts reported under the other methods of compensation.

\$110,480.15 was awarded public employees.

\$112,807.28 was awarded under Section 27 of the Workmen's Compensation Act to employees in establishments where the employer had neither paid into the State Insurance Fund nor secured permission to carry self-insurance under the State Plan.

CLAIMS DISALLOWED.

The total number of claims disallowed during the eighteen months ending June 30, 1915, was 7,986, and of that number —

7,680 were claims against the State Insurance Fund.

53 were claims against employers carrying self-insurance under the State Plan.

152 were claims of public employees.

101 were claims arising under Section 27 of the Workmen's Compensation Act.

The 7,680 claims filed against the State Insurance Fund and disallowed under the Workmen's Compensation Act during the eighteen months ending June 30, 1915, fall into the following classes —

5,390, or 70.2 per cent of the disallowed claims, were cases in which only the first notice of injury was received, and no application for compensation or for medical and hospital expenses was filed. (Disallowed under Rule 9 of The Industrial Commission.)

1,670, or 21.7 per cent of the disallowed claims, were cases in which the evidence did not show that the Commission had jurisdiction under the Workmen's Compensation Act. (Disallowed under Rule 12 of The Industrial Commission.)

388, or 5.0 per cent of the disallowed claims, were cases in which the injury was not sustained in the course of employment.

168, or 2.2 per cent of the disallowed claims, were cases in which the disability was due to disease and not to injury.

14, or 0.2 per cent of the disallowed claims, were cases in which the employer was not a subscriber to the State Insurance Fund.

7, or 0.1 per cent of the disallowed claims, were cases where the evidence failed to show that an injury was sustained.

43, or 0.6 per cent of the disallowed claims, were disallowed for miscellaneous causes.

Of the 53 claims filed against employers carrying self-insurance under the State Plan and disallowed by The Industrial Commission —

3 were cases in which the evidence did not show that the Commission had jurisdiction under the Workmen's Compensation Act.

22 were cases in which the injury was not sustained in the course of employment.

20 were cases in which the disability was due to disease and not to injury.

8 were disallowed for miscellaneous causes.

Of the 152 claims of public employes disallowed under the Workmen's Compensation Act—

- 74 were cases in which only the first notice of injury was received, and no application for compensation or for medical and hospital expenses was filed.
- 19 were cases in which the evidence did not show that the Commission had jurisdiction under the Workmen's Compensation Act.
- 35 were cases in which the injury was not sustained in the course of employment.
- 15 were cases in which the disability was due to disease and not to injury.
- 3 were cases in which the injury was sustained before the Workmen's Compensation Act became effective.
- 6 were disallowed for miscellaneous causes.

Of the 104 claims filed under Section 27 of the Act and disallowed under the Workmen's Compensation Act—

- 11 were cases in which the evidence did not show that the Commission had jurisdiction under the Workmen's Compensation Act.
- 24 were cases in which the injury was not sustained in the course of employment.
- 3 were cases in which the injury was sustained before the Workmen's Compensation Act became effective.
- 22 were cases where the employer had fewer than five employees.
- 16 were cases where settlement was made direct.
- 4 were cases filed against the wrong employer.
- 21 were disallowed for miscellaneous causes.

ADDITIONAL ALLOWANCES AWARDED ON CLAIMS ADJUDICATED PRIOR TO JANUARY 1, 1914.

During the eighteen months ending June 30, 1915, 353 claims adjudicated prior to January 1, 1914, received additional awards amounting in the aggregate to \$32,683.21.

Eight fatal cases received additional awards of \$179.25 for medical and hospital expenses and \$315 for funeral expenses.

Four permanent total disability cases received additional awards of \$5,677.98 compensation and \$58 medical and hospital expenses.

Sixty-two permanent partial disability cases received additional awards of \$12,662.58 compensation and \$2,185.86 medical and hospital expenses.

Two hundred and fifty-seven cases involving temporary disability of more than 7 days received additional awards of \$7,318.36 compensation and \$4,195.58 medical and hospital expenses.

Twenty-two cases involving temporary disability of 7 days or less received additional awards of \$90.60 medical and hospital expenses.

AGGREGATE AWARDS BY TYPE OF CLAIM AND NATURE OF BENEFIT.

The Industrial Commission of Ohio, during the eighteen months ending June 30, 1915, made awards for accident claims as follows:

From State Insurance Fund (not including 353 claims adjudicated prior to January 1, 1914, and for which additional allowances were made during the eighteen months ending June 30, 1915.) —

- 429 death claims.
- 11 claims for permanent total disability.
- 1,889 claims for permanent partial disability.
- 32,334 claims for temporary disability causing loss of more than 7 days.
- 36,700 claims for temporary disability causing loss of 7 days or less. In such cases medical and hospital expenses, only, are paid.

For accidents in establishments where the employer carried self-insurance under the State Plan, the Commission approved —

- 136 death claims.
- 5 claims for permanent total disability.
- 468 claims for permanent partial disability.
- 11,356 claims for temporary disability causing loss of more than 7 days.
- 15,339 accidents involving temporary disability of 7 days or less were reported to The Industrial Commission. The Workmen's Compensation Act requires the employer carrying self-insurance under the State Plan to furnish medical and hospital attention without expense to the injured employee.

For accidents to public employes the Commission allowed —

- 25 death claims.
- 29 claims for permanent partial disability.
- 745 claims for temporary disability causing loss of more than 7 days.
- 225 claims for temporary disability causing loss of 7 days or less. In such cases medical and hospital expenses, only, are paid.

Under Section 27 of the Workmen's Compensation Act, The Industrial Commission allowed —

- 26 death claims.
- 2 claims for permanent total disability.
- 31 claims for permanent partial disability.
- 158 claims for temporary disability causing loss of more than 7 days.
- 5 claims for temporary disability causing loss of 7 days or less. In such cases medical and hospital expenses, only, are paid.

Considering all methods of compensation, 100,003 claims (not including 353 claims adjudicated prior to January 1, 1914, and for which additional allowances were made) were allowed under the Workmen's Compensation Act during the eighteen months ending June 30, 1915. This number includes the accidents involving loss of 7 days or less in establishments carrying self-insurance under the State Plan; in such

cases the Act requires the employer to furnish medical and hospital attention without expense to the employee. The number and per cent of each class are shown below:

<i>Class.</i>	<i>Number of claims allowed.</i>	<i>Per cent of total.</i>
Fatal	616	0.6
Permanent total disability.....	18	(a)
Permanent partial disability.....	2,417	2.4
Temporary disability—		
Involving disability for more than 7 days.....	44,593	44.6
Involving disability of 7 days or less.....	52,359	52.4
Total claims allowed.....	100,003	100.0

The aggregate amount awarded during the eighteen months ending June 30, 1915, was \$4,434,669.37. Eliminating the additional allowances made in 353 claims adjudicated prior to January 1, 1914, the total amount was \$4,401,986.16. The amount awarded is shown below for each method of compensation and the awards made from the State Fund are also shown by class of claims.

For the 71,453 claims against the State Insurance Fund allowed during the eighteen months ending June 30, 1915, the total amount awarded was \$3,265,318.34, which is an average of \$45.70 per claim.

\$1,024,692 18, or 31.4 per cent of the total amount awarded from the State Insurance Fund, was for death claims.

\$21,474 86, or 0.7 per cent of the total amount awarded from the State Insurance Fund, was for cases involving permanent total disability. This amount includes only the payments made in these cases during the eighteen months ending June 30, 1915. Payments equal to two-thirds average wages will continue for the remainder of the life of those suffering permanent total disability. (b)

\$793,914 97, or 24.3 per cent of the total amount awarded from the State Insurance Fund, was for cases involving permanent partial disability.

\$1,294,327 59, or 39.4 per cent of the total amount awarded from the State Insurance Fund, was for cases involving temporary disability causing loss of more than 7 days.

\$180,908 74, or 4.1 per cent of the total amount awarded from the State Insurance Fund, was for cases involving temporary disability causing loss of 7 days or less. Under the Act, medical and hospital expenses, only, are paid in such cases.

(a) Less than one-tenth of one per cent.

(b) Under the Workmen's Compensation Act of Ohio, the award in cases of permanent total disability continues until death, and is two-thirds of the average weekly wages, not to exceed a maximum of \$12 per week, and not to be less than a minimum of \$5 per week, unless the employee's average weekly wages at the time of the injury are less than \$5 per week, in which event the compensation is equal to his average weekly wages.

For the 27,304 claims approved under the Workmen's Compensation Act against employers carrying self-insurance under the State Plan during the eighteen months ending June 30, 1915, the total amount awarded was \$913,380.39. This amount does not include the cost of medical and hospital attention, which, under the Act, is furnished without expense to all injured employees of firms carrying self-insurance under the State Plan.

For the 1,024 claims of public employees for which awards were made under the Workmen's Compensation Act during the eighteen months ending June 30, 1915, the total amount awarded was \$110,480.15.

For the 222 claims arising under Section 27 of the Workmen's Compensation Act for which awards were made during the eighteen months ending June 30, 1915, the total amount awarded was \$112,807.28.

A division according to nature of benefit of the total amount awarded during the eighteen months ending June 30, 1915, shows that of the \$4,401,986.16 allowed on claims adjudicated during the eighteen month's period —

\$1,385,131 31	was for death benefits.
\$81,859 09	was for funeral expenses.
\$2,244,038 47	was for compensation.
\$690,957 29	was for medical and hospital expenses. As before stated the Act requires all employers carrying self-insurance under the state plan to furnish medical and hospital attention without expense to injured employees. The cost of such attention is not included in the above amount.

FATAL ACCIDENTS.

Number of Claims Adjudicated.

The disposition of the 706 fatal cases adjudicated under the Workmen's Compensation Act during the eighteen months ending June 30, 1915 was as follows:

<i>Claims Allowed by Nature of Award —</i>	<i>Number of Claims.</i>
Death benefits awarded.....	508
Death benefit not yet awarded, but other awards made	27
Deceased left no dependents and only compensation following injury, and medical, hospital and funeral expenses allowed.....	81
Total	616

Claims Disallowed by Cause of Disallowance—

Death due to disease and not to injury.....	48
Injury not sustained in course of employment.....	27
Section 27—Less than 5 regularly employed.....	3
Section 27—Interstate commerce	2
Miscellaneous causes	10

Total	90
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Total number of fatal cases.....	706
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In addition to the 90 disallowed claims shown above, 3 claims incorrectly filed under Section 27 of the Act, were transferred to the State Fund.

Six hundred and sixteen claims for fatal injuries were allowed under the Workmen's Compensation Act during the eighteen months ending June 30, 1915.

- 429 fatal cases were in establishments where the employer was a contributor to the State Insurance Fund.
- 136 fatal cases were in establishments where the employer was carrying self-insurance under the state plan.
- 25 fatal cases were those of public employes.
- 26 fatal cases were in establishments where the employer had neither contributed to the State Insurance Fund nor filed a bond to carry self-insurance under the state plan and, therefore, the awards were made under Section 27 of the Workmen's Compensation Act.

Average and Classified Awards.

Including all types of compensation (from State Insurance Fund, self-insurance under the State Plan, public employes, and claims under Section 27 of the Act) the average awards made in fatal cases under The Workmen's Compensation Act by The Industrial Commission during the eighteen months ending June 30, 1915, were as follows:

- \$2,726 64 was the average death benefit.
- \$46 07 was the average amount allowed for medical and hospital expenses. This does not include medical and hospital expenses of injured employes of firms carrying self-insurance under the state plan.
- \$137 12 was the average amount allowed for funeral expenses.

The number of death-benefit awards of each classified amount in the 508 fatal cases for which such awards were made during the eighteen months was as follows:

<i>Amount of Award.</i>	<i>Number of Death Benefits of Each Classified Amount.</i>
Under \$1,000	28
\$1,000 and under \$1,500.....	25
\$1,500 and under \$2,000.....	46
\$2,000 and under \$2,500.....	91
\$2,500 and under \$3,000.....	93
\$3,000 and under \$3,500.....	81
\$3,500 or over.....	144
Total number of awards.....	508

Funeral expenses were allowed during the eighteen months in 597 cases.

Under \$100 was allowed in 58 cases.
 \$100 and under \$125 was allowed in 88 cases.
 \$125 and under \$150 was allowed in 128 cases.
 \$150 was allowed in 323 cases.

Medical and hospital expenses were allowed during the eighteen months in 377 fatal cases, not including cases resulting from accidents in plants carrying self-insurance under the State Plan, as medical and hospital attention in such cases is furnished by the employer and the cost is not included in this report. The number of cases (not including cost under self-insurance) in which each classified amount was allowed was as follows:

<i>Amount of Award.</i>	<i>Number of Medical and Hospital Awards of Each Classified Amount.</i>
Under \$10	130
\$10 and under \$25.....	70
\$25 and under \$50.....	54
\$50 and under \$75.....	44
\$75 and under \$100.....	26
\$100 and under \$150.....	27
\$150 and under \$200.....	10
\$200	16
Total	377

Dependents in Fatal Cases.

Of the 616 fatally injured whose claims were allowed under the Workmen's Compensation Act during the eighteen months ending June 30, 1915 —

420 left one or more persons wholly dependent. The total number left dependent by the 420 deaths was 1,147 wholly dependent and 32 partially dependent.

89 left one or more partially dependent. The total number left partially dependent by 89 deaths was 247.

81 left no dependents.

In 26 cases, awards for medical and hospital and funeral expenses had been made, but the question of dependency had not been determined prior to June 30, 1915.

The number of fatal cases in which persons wholly or partially dependent of each specified type were left, follows:

<i>Persons Wholly Dependent.</i>	<i>Number of Cases.</i>
Wife and eight children	1
Wife and seven children	6
Wife and six children	9
Wife and five children	21
Wife and five children, wholly, and two children partially dependent.	1
Wife and four children	28
Wife and four children, wholly, and one child partially dependent..	1
Wife and three children	37
Wife and three children, wholly, and one child partially dependent..	3
Wife and three children, wholly, and four children partially dependent	1
Wife and two children	77
Wife and two children, wholly, and two children partially dependent.	1
Wife and two children, wholly, and one child partially dependent...	1
Wife and two children, and brother and sister	1
Wife and one child	82
Wife and one child, wholly, and two children partially dependent...	1
Wife and one child, wholly, and one child partially dependent.....	2
Wife and one child, wholly, and mother partially dependent.....	1
Wife and grandchild	1
Wife	103
Wife, wholly, three children partially dependent.....	2
Wife, wholly, one child partially dependent.....	5
Wife, wholly, mother and one child partially dependent.....	1
Wife, wholly, father partially dependent.....	1
Wife and mother-in-law	1
Four orphaned children.....	1
Three orphaned children.....	1
Two orphaned children.....	6
Two orphaned children, wholly, and one child partially dependent...	1
One orphaned child.....	8
Mother, father and sister.....	1
Mother	5
Mother and two sisters.....	2
Mother and one sister.....	1
Father (invalid), stepmother, two half-sisters, two half-brothers and step-brother	1
Father	1
Sister	1
Sister (invalid)	1
Sister-in-law	1
Niece	1

Total 420

<i>Persons Partially Dependent.</i>	<i>Number of Cases.</i>
Father and mother.....	20
Father, mother, five sisters and one brother.....	1
Father, mother, four sisters and three brothers.....	1
Father, mother, four sisters and one brother.....	1
Father, mother, three sisters and two brothers.....	3
Father, mother, three sisters and one brother.....	1
Father, mother, two sisters and two brothers.....	1
Father, mother, two sisters and one brother.....	2
Father, mother, one sister and three brothers.....	1
Father, mother, one sister and two brothers.....	1
Father, mother, and four sisters.....	1
Father, mother, and three sisters.....	1
Father, mother, and three brothers.....	1
Father, mother, and two sisters.....	1
Father, mother, and two brothers.....	1
Father, mother, sister and brother.....	3
Father, mother, and sister.....	4
Father	7
Father and two brothers.....	1
Father, two sisters and one brother.....	2
Father and two sisters.....	1
Father, sister and brother.....	1
Father and sister.....	2
Mother	14
Mother, two brothers and two sisters.....	1
Mother, two sisters and one brother.....	1
Mother, two brothers and one sister.....	1
Mother and sister.....	1
Mother and brother.....	2
Wife (separated).....	3
Sister	2
Sister, five nieces and nephew.....	1
Two daughters	1
Daughter and son.....	1
Brother and sister.....	1
Son	1
Aunt	1
Total	89

PERMANENT TOTAL DISABILITY.

Number of Claims Adjudicated.

Eighteen claims involving permanent total disability were allowed under the Workmen's Compensation Act during the eighteen months ending June 30, 1915. Of these claims —

11 were against the State Insurance Fund.

5 were against employers carrying self-insurance under the state plan.

2 were claims arising under Section 27 of the Act.

Compensation is being paid for life at two-thirds of the regular wage previously received.^a Medical and hospital expenses up to \$200 (the limit fixed by law) are also paid.

Detailed Statement of Awards, Cause, and Nature of Injury.

CLAIMS AGAINST THE STATE FUND.

Claim No. 16532. The injured employe was unloading logs by skidding them off of the wagon. One log hit an obstruction and in rebounding, struck injured man on the head, causing a fracture of the lower jaw and of the base of the skull, resulting in paralysis of the right side and loss of the power of speech. At the time of the injury, he was 41 years of age and married. Compensation was ordered paid by The Industrial Commission at the rate of \$6.40 per week for the remainder of his life.

Claim No. 18072. Employe while in the fitting department was walking between a car which was propped up, and a center construction. The car turned over on him, breaking his back, causing partial paralysis of the left leg. At the time of the accident, the employe was 42 years of age and married. Compensation was awarded him payable at the rate of \$12.00 per week for life, the maximum that can be granted. Upon his application, a lump sum award of \$3,621.92 (being the Present Worth of \$3.94 per week for 26.34 years, his expectancy of life according to actuarial experience) was granted, with which to establish himself and family on a small poultry and truck farm. For the remainder of his life, he will receive compensation at the rate of \$8.06 per week. Prior to the granting of the lump sum award, he was receiving compensation at the rate of \$12.00 per week.

Claim No. 21048. The injured man was engaged in drilling holes for a tank when a crane ran over both hands. His left hand was so crushed as to necessitate amputation at the wrist. On his right hand he lost the thumb and the first three fingers. At the time of the injury, he was 27 years of age and married. He was granted compensation at the rate of \$12.00 a week for life, but upon his application for a lump sum award, was granted \$3,646.75 (the present worth of \$3.17 a week on an expectation of 36 years of life) with which to purchase a farm and gain a livelihood by truck farming and poultry raising, together with a weekly compensation of \$8.83 from the State Fund to which he

^a Under the Workmen's Compensation Act of Ohio, the award in cases of permanent total disability continues until death, and is two-thirds of the average weekly wages, not to exceed a maximum of \$12 per week, and not to be less than a minimum of \$5 per week, unless the employe's average weekly wages at the time of the injury are less than \$5 per week, in which event the compensation is equal to his average weekly wages.

is still entitled. Previously, he had received a weekly allowance of \$12.00.

Claim No. 29191. While at work in a mine squaring the room, a small piece of coal struck the employe in the eye causing a laceration. Infection followed and an ulcer developed, resulting in the loss of sight of the eye. The other eye, having been lost previously, a permanent total award was granted, payable at the rate of \$8.83 per week for life. The injured at the time of accident was 65 years old.

Claim No. 30085. The accident covered by this claim was to a woman 23 years of age, who apparently operated the elevator herself in ascending to the second floor where she alighted. It appears that the power was not shut off properly and the elevator continued to ascend to the top of the shaft. Upon her return, thinking the car was still there, she stepped in and fell to the bottom of the shaft. She sustained a fracture of the spine attended by paralysis of the lower limbs. Compensation at the rate of \$6.00 a week was awarded. The present worth of \$1.00 a week for her expectancy of life, amounting to \$1,203.23 was paid her in a lump sum, allowing her still an income at the rate of \$5.00 per week for life.

Claim No. 56026. The employe injured under this claim was 19 years of age. While preparing a blasting hole, he accidentally drilled into a previous charge of dynamite that had not exploded. Upon contact with the drill, it was discharged and both hands were blown off, requiring amputation above the wrist. An award for life was granted payable at the rate of \$6.00 per week.

Claim No. 56988. Injured was a structural steel worker 23 years of age. While at work he lost his foothold and fell 30 feet to the ground. His spine was fractured resulting in paralysis of the lower limbs. The award granted is at the rate of \$12.00 per week for life.

Claim No. 64839. In preparing for a blast, employe dropped a stick of dynamite while filling the hole. It exploded, filling both eyes with fine stones which destroyed the sight. At the time of injury, he was 44 years old and the award granted is payable at the rate of \$11.00 per week for life.

Claim No. 67239. Employe was shoveling coal into his car when drawslate in his room fell, crushing him to the floor. His back was broken causing a permanent total disability. His age at the time of injury was 34 years. An award was granted him for life payable at the rate of \$12.00 per week.

Claim No. 67562. The injured employe, 36 years of age, was driving a load of lumber beneath a gravel hopper. He was struck by the hopper and crushed between it and the wagon. Injury to the spinal cord caused paralysis of the lower limbs. He was granted an award entitling him to compensation at the rate of \$10.50 per week for life.

Claim No. 71125. A mining machine, with bits set, was drawn up to the face of coal on a self-propelling truck. Some one neglected to shut off the current and while unloading the machine the cable caught over the lever which started the machine. Injured was caught in the bits, drawn into the machine and both legs amputated. He was a young married man 22 years of age. A permanent total award at the rate of \$12.00 a week was granted. A lump sum payment of \$300.00 was made, still entitling him to compensation of \$11.75 per week for life.

CLAIMS AGAINST EMPLOYERS CARRYING SELF-INSURANCE UNDER THE STATE PLAN.

Claim No. 352. By mistake, injured man threw the wrong switch and a car coming down grade from a trestle ran over his legs, requiring amputation three inches below the knee. The age attained at time of accident was 37 years. Compensation was granted for life at the rate of \$12.00 per week.

Claim No. 2200. Employee was feeding rubber stock through a calender. His hands were caught between the rolls of the mill, drawing in his arms, which were crushed so as to necessitate amputation of the right arm below and the left arm above the elbow joint. A lump sum award of \$14,000.00 was paid him and he returned to his native country, Syria.

Claim No. 2533. Several employees were attempting to move the supports for tumblers by means of a block and tackle. The men unable to hold the weight dropped the load upon the injured man, causing a fracture of the spine, rendering him incapable of any kind of exertion. His age at the time of the accident, was 38 years. The original award granted was for life at the rate of \$11.00 per week. It was subsequently raised to a basis of \$15.00 per week.^a

Claim No. 6470. Immediately after pouring cast employee turned stream of water on same. Metal exploded and splashed over him. His head and face were badly burned and the sight of both eyes destroyed. He was granted a weekly award of \$9.99 for life. Age of injured at the time of accident was 27 years.

Claim No. 9279. Employee was injured in a mine while trying to board a motor trip. He fell under the car and both feet were amputated. He was 19 years old at the time of accident and was granted compensation for life at the rate of \$7.65 per week.

CLAIMS ARISING UNDER SECTION 27 OF THE WORKMEN'S COMPENSATION ACT.

Claim No. 92. Injured person placed two charges of powder and two of dynamite in position and set them off. One stick of dynamite

^a The maximum rate of compensation per week required under the Workmen's Compensation Act of Ohio is \$12.00, but employers carrying self-insurance under the state plan may compensate in excess of this amount if they desire to do so.

failed to explode and he went back to split the fuse. While so doing, it discharged, blowing off one hand and destroying the sight of both eyes. Age of injured at the time of accident was 49 years.

Claim No. 198. The injured employe, a young boy 16 years of age was standing on a stool, leaning over the top of an electric dough mixer to see that the dough did not stick to the knives. Suddenly, his arms were plunged into the mixer, resulting in the loss of the right arm and the amputation of two fingers and ankylosis of the third finger of the left hand.

PERMANENT PARTIAL DISABILITY.

Number of Claims Adjudicated.

Twenty-four hundred and twenty-six claims involving permanent partial disability were adjudicated under the Workmen's Compensation Act during the eighteen months ending June 30, 1915, and of that number 2,417 were allowed and 9 were disallowed.

Of the 2,417 allowed —

1,889 were claims against the State Insurance Fund.

468 were claims against employers carrying self-insurance under the state plan.

29 were claims of public employes.

81 were claims arising under Section 27 of the Act.

Of the nine cases disallowed, four of the injured employes who filed claims did not receive their injuries in the course of employment, two were disallowed because the disability was due to disease and not due to injury, and three were disallowed for miscellaneous causes.

Average and Classified Awards.

For cases involving permanent partial disability allowed under the Workmen's Compensation Act during the eighteen months —

\$399 92 was the average compensation award. (a)

\$47 14 was the average amount allowed for medical and hospital expenses. (Does not include 468 cases reported by firms carrying self-insurance under the state plan, as the law requires that they furnish medical and hospital expenses to injured employes without charge, and 165 cases in which no medical bill was reported to the Commission.)

The number of compensation awards of each classified amount during the eighteen months in cases involving permanent partial disability was as follows:

(a) Four cases in which injured employe never made final application for compensation are not included in this computation.

<i>Amount of Award.</i>	<i>Number of Compensation Awards of Each Classi- fied Amount.</i>
Less than \$100.....	529
\$100 and under \$200.....	560
\$200 and under \$500.....	668
\$500 and under \$1,000.....	397
\$1,000 or over.....	259
Total compensation awards.....	2,413 (a)

The classified awards for medical and hospital expenses in cases involving permanent partial disability, but not including such expenses for injured employes of firms carrying self-insurance under the State Plan, were as follows:

<i>Amount of Award.</i>	<i>Number of Medical and Hospital Awards of Each Classi- fied Amount.</i>
Less than \$10.....	157
\$10 and under \$25.....	721
\$25 and under \$50.....	423
\$50 or over.....	483
Total medical and hospital awards.....	1,784

TEMPORARY DISABILITY FOR MORE THAN 7 DAYS.

Number of Claims Adjudicated.

Forty-four thousand, five hundred and ninety-three claims involving temporary disability for more than 7 days, were allowed under the Workmen's Compensation Act during the eighteen months ending June 30, 1915.

Of the 44,593 claims allowed —

32,334 were claims against the State Insurance Fund.

11,356 were claims against employers carrying self-insurance under the state plan.

745 were claims of public employes.

158 were claims arising under Section 27 of the Act.

Average and Classified Awards.

For cases involving temporary disability of more than 7 days allowed under the Workmen's Compensation Act during the eighteen months —

(a) Four cases in which injured employe never made final application for compensation are not included in this classification.

\$29 80 was the average compensation awarded.

\$14 50 was the average amount allowed for medical and hospital expenses.

This does not include medical and hospital expenses for injured employees of firms carrying self-insurance under the state plan.

The number of compensation awards of each classified amount during the eighteen months in cases involving temporary disability for more than 7 days was as follows:

<i>Amount of Award.</i>	<i>Number of Compensation Awards of Each Classi- fied Amount.</i>
Less than \$5.....	4,970
\$5 and under \$10.....	7,948
\$10 and under \$25.....	14,248
\$25 and under \$50.....	8,323
\$50 and under \$100.....	4,082
\$100 or over.....	1,845
Total compensation awards.....	41,416

The classified awards for medical and hospital expenses in cases involving temporary disability for more than 7 days, but not including such expense for injured employees of firms carrying self-insurance under the State Plan were as follows:

<i>Amount of Award.</i>	<i>Number of Medical and Hospital Awards of Each Classi- fied Amount.</i>
Less than \$5.....	6,056
\$5 and under \$10.....	11,189
\$10 and under \$25.....	10,418
\$25 and under \$50.....	2,519
\$50 or over.....	1,191
Total medical and hospital awards.....	31,373

TEMPORARY DISABILITY FOR 7 DAYS OR LESS.

Number of Claims Adjudicated.

Fifty-two thousand, three hundred and fifty-nine claims involving disability of 7 days or less were allowed under the Workmen's Compensation Act during the eighteen months ending June 30, 1915. For claims against the State Insurance Fund, claims of public employees and claims arising under Section 27 of the Act, medical and hospital expenses only are allowed. In cases of injury to employees of firms carrying self-insurance under the State Plan the Act requires that medical and hos-

pital attention shall be furnished by the employer without expense to the injured employee.

Of the 52,359 claims —

36,790 were claims against the State Insurance Fund.

15,339 were reported by employers carrying self-insurance under the state plan.

225 were claims of public employes.

5 were claims arising under Section 27 of the Act.

Average and Classified Awards.

For cases involving temporary disability for 7 days or less, allowed under the Workmen's Compensation Act during the eighteen months,

\$3 58 was the average amount allowed for medical and hospital expenses.

This does not include medical and hospital expense for injured employes of firms carrying self-insurance under the state plan.

The classified awards for medical and hospital expenses in cases involving temporary disability for 7 days or less, but not including such expense for injured employes of firms carrying self-insurance under the State Plan, were as follows:

<i>Amount of Award.</i>	<i>Number of Medical and Hospital Awards of Each Classi- fied Amount.</i>
Less than \$1.....	205
\$1 and under \$2.....	9,301
\$2 and under \$5.....	18,004
\$5 and under \$10.....	7,792
\$10 or over.....	1,718
Total medical and hospital awards.....	37,020

CAUSES OF ACCIDENTS.

SUMMARY.

In this report, accidents have been classified as to cause by the primary, or principal cause. This is not necessarily the *immediate* (*proximate*) cause. This method of classification has been used because all preventive measures must in last analysis be determined by the primary or principal cause. To illustrate: The hooks in the loose chains of a derrick carrying no load, caught on a girder which was on blocks for painting, knocking it over. It in turn knocked over a second girder which fell on three painters, pinning two of them down, and causing their instant death. This accident has been classified, not as an accident

due to falling or shifting objects, but to derricks, as the swinging hooks of the derrick chains were the real cause of this accident.

The distribution by general cause class of the 100,003 accidents for which claims were allowed during the period under consideration is shown in the following table. For convenient reference, the same table shows the distribution of fatal cases, accidents resulting in permanent total disability, in permanent partial disability and in temporary disability by the same general causes. The causes of the accidents of all classes for which claims were allowed are presented in detail in General Tables V and VI, with the exception of the causes of the 18 accidents resulting in permanent total disability, which are stated in detail on pages 19-22.

NUMBER AND PER CENT OF ACCIDENTS ASCRIBED TO EACH GENERAL CAUSE CLASS DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915.

Cause Class.	Total Number of Accidents.	Number of Accidents Resulting In				Per cent of Accidents Resulting in			
		Death.	Perma- nent Total Dis- ability.	Perma- nent Partial Dis- ability.	Tempo- rary Dis- ability.	Death.	Perma- nent Total Dis- ability.	Perma- nent Partial Dis- ability.	Tempo- rary Dis- ability.
Machinery.....	25,897	112	5	1,484	24,206	0.43	0.02	5.73	93.82
Nature of Material Used (hot metals, corrosives, gas, etc.).	8,770	91	4	87	8,689	1.04	0.06	0.98	97.83
Falling and Shifting Objects.....	36,183	124	4	892	35,673	0.34	0.01	1.06	98.69
Carrying, Lifting or Handling Great Weights.....	2,849	5	.....	1	2,843	0.21	.....	- 0.04	99.75
Falls.....	10,054	139	3	85	9,827	1.38	0.08	0.87	97.72
Transportation on Tracks.....	1,715	61	1	75	1,578	3.56	0.06	4.31	92.07
Transportation by Water.....	15	12	.....	.....	3	80.00	.....	.....	20.00
Transportation not on Tracks (trucks, automobiles, motor-cycles, etc.).....	1,170	28	1	20	1,123	2.22	0.09	1.71	96.98
Animals.....	1,962	12	.....	20	950	1.22	.....	2.04	96.74
Hand Tools and Simple Apparatus.....	9,738	5	.....	225	9,508	0.05	.....	2.31	97.64
Freezing and Frost Bites.....	34	.....	.....	4	30	.....	.....	11.76	88.24
Suffocation and Asphyxiation.....	109	3	.....	.....	106	2.75	.....	.....	97.25
Sunstroke and Heat Prostration.....	247	4	.....	.....	243	1.62	.....	.....	98.38
Intentional Violence of Fellow Employee.....	67	3	.....	.....	64	4.48	.....	.....	95.52
Intentional Violence of Persons not Employees.....	97	3	.....	1	93	3.09	.....	1.08	96.88
Not Otherwise Classified.....	2,596	16	.....	23	2,567	0.62	.....	0.89	98.49
Total	100,008	616	13	2,417	96,962	0.62	0.02	2.42	96.96

FATAL ACCIDENTS.

Statements showing in detail the causes of fatal accidents will be found in General Table V, and, therefore, the causes are only briefly summarized at this place. Of the 616 fatal accidents —

- 139, or 22.6 per cent, were ascribed to falls.
- 124, or 20.1 per cent, were ascribed to falling and shifting objects.
- 112, or 18.2 per cent, were ascribed to machinery.
- 91, or 14.8 per cent, were ascribed to nature of material used (hot metals, corrosives, gases, etc.)
- 61, or 9.9 per cent, were ascribed to transportation on tracks.
- 26, or 4.2 per cent, were ascribed to transportation not on tracks (trucks, automobiles, motorcycles, etc.)
- 12, or 1.9 per cent, were ascribed to transportation by water.
- 12, or 1.9 per cent, were ascribed to animals.
- 5, or 0.8 per cent, were ascribed to great weights, strains, etc.
- 5, or 0.8 per cent, were ascribed to hand tools or simple apparatus.
- 29, or 4.7 per cent, were ascribed to miscellaneous causes.

The causes most important by reason of the number of deaths were as follows:

<i>Cause.</i>	<i>Number of Deaths.</i>
Falls of stone, coal or slate in mines.....	51
Falls from trestles, scaffolds, runways, joists, walls, etc.....	42
Electrocutions	31
Run down or struck by moving train or electric car.....	30
Cranes	20
Elevators	18
Miscellaneous falling objects.....	18
Falling, shifting, or dropping objects or tools as a result of handling, moving, carrying, or piling in shops, warehouses etc., by hand.....	14
Falls from high places, miscellaneous.....	14
Collisions of vehicles or of vehicles with trains or cars.....	13
Derricks	12
Explosions of gas.....	12
Explosions of powder.....	12
Cave-ins, falls and rolls of rock (exclusive of falls of roof, etc., in mines)	12
Falls into elevator shafts.....	12
Transportation by water.....	12

PERMANENT TOTAL DISABILITY.

For detailed account of causes of accidents resulting in permanent total disability, see pages 19-22, and General Table VI-A.

PERMANENT PARTIAL DISABILITY.

The causes of accidents resulting in permanent partial disability are of special significance, as a knowledge of them is necessary in order that

proper steps may be taken to prevent such accidents in the future. The causes of accidents of this class are shown in detail in General Table VI-B.

Of the 2,417 accidents involving permanent partial disability —

- 1,484, or 61.4 per cent, were ascribed to machinery.
- 392, or 16.2 per cent, were ascribed to falling or shifting objects.
- 225, or 9.3 per cent, were ascribed to hand tools.
- 87, or 3.6 per cent, were ascribed to nature of material used (hot metals, corrosives, gases, etc.)
- 85, or 3.6 per cent, were ascribed to falls.
- 75, or 3.1 per cent, were ascribed to trains or other means of track transportation.
- 69, or 2.8 per cent, were ascribed to other causes.

Each of the causes to which more than 50 accidents involving permanent partial disability were ascribed, are enumerated below —

<i>Cause.</i>	<i>Number of Accidents.</i>
Stamping, shearing, and punching machines in the sheet metal industry and similar processes.....	308
Hand tools and simple apparatus.....	225
Saws	(a) 169
Falling or shifting or dropping objects or tools as a result of handling, moving, carrying, or piling in shops, warehouses, etc., by hand (exclusive of loading and unloading operations).....	131
Cog, gear, and friction wheels.....	95
Planers, shapers, slotters, facers and jointers.....	91
Power presses of all sorts.....	83
Cranes	81
Rolls and calenders of all sorts.....	75
Falling or shifting objects or tools while loading or unloading by hand	63
Flying or recoiling objects (not from machine or tool).....	51
Boring, drilling, and reaming machines.....	50

*Causes of Accidents Resulting in Permanent Partial Disability in
Relation to Type of Disability.*

See pages 32-34.

TEMPORARY DISABILITY.

Accidents resulting in temporary disability for more than 7 days and of 7 days or less are discussed separately in relation to compensation and to medical and hospital expenses because the Workmen's Compensation Act of Ohio does not provide for the payment of compensation for accidents resulting in disability of 7 days or less but for the payment

(a) Includes 1 case of permanent partial disability due to saws which occurred in their manufacture.

of medical and hospital bills only. The two classes of accidents, however, are combined for the consideration of causes.

Below are summarized by general cause groups, the causes of accidents resulting in temporary disability. The causes are presented in detail by industries in General Table VI-C.

Of the 96,952 accidents causing temporary disability —

- 35,673, or 36.8 per cent, were ascribed to falling or shifting objects.
- 24,266, or 25.0 per cent, were ascribed to machinery.
- 9,827, or 10.1 per cent, were ascribed to falls.
- 9,508, or 9.8 per cent, were ascribed to hand tools and simple apparatus.
- 8,588, or 8.9 per cent, were ascribed to nature of material used (hot metals, corrosives, gases, etc.).
- 2,343, or 2.4 per cent, were ascribed to carrying, lifting or handling great weights.
- 1,578, or 1.6 per cent, were ascribed to transportation on tracks.
- 1,123, or 1.2 per cent, were ascribed to transportation not on tracks (trucks, automobiles, motorcycles, etc.).
- 950, or 1.0 per cent, were ascribed to animals.
- 3,093, or 3.2 per cent, were ascribed to other causes.

Each of the causes to which were ascribed more than 1,000 accidents involving temporary disability are enumerated below.

<i>Cause.</i>	<i>Number of Accidents.</i>
Falling, shifting or dropping objects or tools as a result of handling, moving, carrying, or piling by hand.....	11,392
Hand tools and simple apparatus.....	9,508
Grinding and polishing machines.....	5,644
Flying or recoiling objects.....	4,111
Falling or shifting objects or tools while loading or unloading by hand	3,651
Falling, sliding, etc., of miscellaneous objects.....	2,961
Handling sharp-edged objects.....	2,649
Falling, slipping, or stumbling on floors or other ordinary surfaces..	2,642
Nails, splinters, etc., attached.....	2,614
Fluid or glowing metals, slag, ashes, etc.....	2,581
Bumping against objects or tools.....	2,505
Great weights, strains, etc.....	2,343
Stepping on sharp or edged objects.....	1,923
Falling, slipping or stumbling over objects or because of defective flooring	1,621
Working machines, miscellaneous.....	1,536
Boring, drilling and reaming machines.....	1,446
Stamping, shearing and punching machines, sheet metal.....	1,360
Cranes	1,293
Saws (power)	1,259
Handling glass and porcelain.....	1,224
Lathes	1,178
Falling down or shifting of piled up bales of goods, piles of lumber, objects, etc. (not as a result of moving or unloading).....	1,160

NATURE OF INJURY AND TYPE OF PERMANENT DISABILITY.

PERMANENT TOTAL DISABILITY.

The 18 cases of permanent total disability were distributed by type of disability as follows:

<i>Type of Disability.</i>	<i>Number of Cases of Each Type of Disability.</i>
Paralysis (6 cases of broken back and 1 case where skull and lower jaw of employe were fractured, resulting in paralysis of right side and loss of power of speech).....	7
Loss of vision of both eyes and amputation of one hand.....	1
Loss of vision of both eyes.....	2
Loss of vision of one eye, and blind in one eye before accident.	1
Loss of both legs.....	3
Loss of both hands.....	3
Loss of one hand, and thumb and first three fingers of other hand	1
Total	18

Detailed accounts of these 18 accidents will be found on pages 19 to 22.

PERMANENT PARTIAL DISABILITY.

The losses sustained by employes in the 2,417 accidents causing permanent partial disability for which claims were allowed are shown in detail in General Table VII. The brief summary which follows shows the types of disability numerically most important.

<i>Loss Sustained.</i>	<i>Number of Cases.</i>
Total loss of vision of one eye.....	216
Total loss of arm.....	23
Total loss of hand.....	44
Total loss of thumb and total or partial loss of one or more fingers..	28
Total loss of thumb alone.....	74
Total loss of four fingers on one hand.....	23
Total loss of three fingers, partial loss of fourth.....	20
Total loss of three fingers.....	12
Total loss of two fingers, with partial loss of one or more fingers....	15
Total loss of two fingers.....	54
Total loss of one finger and partial loss of one or more fingers.....	53
Total loss of first finger.....	81
Total loss of second finger.....	43
Total loss of third finger.....	25
Total loss of fourth finger.....	55
Total loss of leg.....	9
Total loss of foot.....	26
Total loss of great toe with partial loss of one or more toes.....	11

Total loss of great toe.....	18
Total loss of two or more toes.....	11
Total loss of one toe other than great toe.....	41

In 235, or 9.7 per cent of the accidents resulting in permanent partial disability, the permanent handicap suffered by the injured employe was ascribed either entirely or in part to infection in connection with the injury. The frequency of infections is discussed at some length on pages 36 to 38.

Causes of Accidents Resulting in Permanent Partial Disability, in Relation to Type of Disability.

An examination of the causes of those accidents which resulted in permanent partial disability in relation to the nature of the resulting disability, shows some striking results. General Table VIII presents this information. In the case of those accidents due to machinery there is a direct connection between the cause and the type of injury. No such direct connection exists, however, between the other cause groups and the resultant disability. In Table VIII, therefore, the machine group of accidents is shown in detail, but other classes are shown by general causes only.

The nature of disability, which is shown in detail in Table VII, is shown in Table VIII only by groups. Thus cases of total or partial loss of vision are grouped together, and all losses of fingers and thumbs are grouped together, since, from the standpoint of prevention, it is of no practical significance as to whether the action of a certain type of machine resulted in the loss of one finger, or of three.

One thousand, four hundred and eighty-four of the 2,417 permanent partial disabilities were due to machinery.

The types of disability produced by the action of those machines responsible for 30 or more permanent partial disabilities each are stated below. These 11 groups of machinery were responsible for 1,065 out of the 1,484 accidents due to machinery. The types of disability resulting from the action of those machines responsible for less than 30 permanent partial disabilities each, will be found in Table VIII.

Stamping, Shearing, and Punching Machines. (Sheet Metal.)

Three hundred and eight permanent partial disabilities were ascribed to this cause. These 308 cases included —

- 281 cases resulting in the loss of one or more fingers or thumbs.
- 22 cases resulting in a total or partial loss of vision of one eye.
- 2 cases resulting in the loss of one hand.
- 3 cases resulting in the loss of one or more toes.

Saws, Wood. (Operation of) (a)

One hundred and sixty-eight permanent partial disabilities were due to wood saws. These 168 cases included —

- 156 cases resulting in the loss of one or more fingers or thumbs.
- 2 cases resulting in the loss of one arm.
- 3 cases resulting in the loss of one hand.
- 3 cases resulting in the loss of vision of one eye.
- 1 case resulting in the loss of one foot.
- 3 cases resulting in the loss of one or more toes.

Cog, Gear and Friction Wheels.

Ninety-five permanent partial disabilities were due to cog, gear and friction wheels. These 95 cases included —

- 84 cases resulting in the loss of one or more fingers or thumbs.
- 3 cases resulting in the loss of one hand.
- 3 cases resulting in the loss of one arm.
- 3 cases resulting in the loss of one foot.
- 2 cases resulting in the loss of one or more toes.

Planers, Shapers, Slotters, Facers and Jointers.

Ninety-one permanent partial disabilities were due to planers, shapers, slotters, facers and jointers. These cases included —

- 87 cases resulting in the loss of one or more fingers or thumbs.
- 1 case resulting in the loss of one hand.
- 3 cases resulting in the loss of vision of one eye.

Power Presses.

Eighty-three permanent partial disabilities were due to power presses. The 83 cases included —

- 75 cases resulting in the loss of one or more fingers or thumbs.
- 2 cases resulting in the loss of one hand.
- 6 cases resulting in the loss of vision of one eye.

Cranes.

Eighty-one permanent partial disabilities were due to cranes. These 81 cases included —

- 65 cases resulting in the loss of one or more fingers or thumbs.
- 3 cases resulting in the loss of one hand.
- 3 cases resulting in the loss of vision of one eye.
- 4 cases resulting in the loss of one leg.
- 2 cases resulting in the loss of one foot.
- 4 cases resulting in the loss of one or more toes.

a In addition to these 168 cases, there was one permanent partial disability due to saws which occurred in their manufacture.

Rolls and Calenders.

Seventy-five permanent partial disabilities were due to rolls and calenders. These 75 cases included —

- 58 cases resulting in the loss of one or more fingers or thumbs.
- 8 cases resulting in the loss of one hand.
- 4 cases resulting in the loss of one arm.
- 1 case resulting in the loss of hearing in one ear.
- 2 cases resulting in the loss of one foot.
- 1 case resulting in the loss of vision of one eye.
- 1 case resulting in the loss of one or more toes.

Boring, Drilling, and Reaming Machines.

Fifty permanent partial disabilities were due to boring, drilling, and reaming machines. These 50 cases included —

- 38 cases resulting in the loss of one or more fingers or thumbs.
- 10 cases resulting in the total or partial loss of vision of one eye.
- 1 case resulting in the loss of one leg.
- 1 case resulting in the loss of one or more toes.

Power Hammers, Steam and Electric Riveters, etc.

Forty-eight permanent partial disabilities were due to power hammers, steam and electric riveters, and allied machines of the power hammer type. These cases included —

- 32 cases resulting in the loss of one or more fingers or thumbs.
- 13 cases resulting in the total or partial loss of vision of one eye.
- 3 cases resulting in the loss of one hand.

Miscellaneous Woodworking Machinery.

Thirty-five permanent partial disabilities were due to miscellaneous woodworking machinery. These 35 cases included —

- 33 cases resulting in the loss of one or more fingers or thumbs.
- 1 case resulting in the loss of one hand.
- 1 case resulting in the loss of vision of one eye.

Drive Belts and Pulleys.

Thirty-one permanent partial disabilities were due to drive belts and pulleys. These 31 cases included —

- 19 cases resulting in the loss of one or more fingers or thumbs.
- 7 cases resulting in the loss of one arm.
- 1 case resulting in the loss of one hand.
- 3 cases resulting in the loss of vision of one eye.
- 1 case resulting in the partial loss of vision of both eyes.

TEMPORARY DISABILITY.

The nature of injury in accidents resulting in temporary disability is shown in detail in General Table IX, and in summary form in the text table which follows:

NATURE OF INJURY IN ACCIDENTS RESULTING IN TEMPORARY DISABILITY.

Nature of Injury.	Number of accidents resulting in temporary disability.	Per cent of accidents resulting in temporary disability.
Abrasions, bruises, contusions, crushes, cuts and lacerations	58,322	60.2
Foreign body in one or both eyes.....	10,580	10.9
Sprains and strains.....	7,922	8.2
Burns	7,841	8.1
Fractures	6,757	7.0
Simultaneous injuries of two or more parts of the body and all other complicated, general and miscellaneous injuries impossible to localize....	1,563	1.6
Loss of parts of fingers, toes, etc. (not sufficient to produce permanent disability).....	1,077	1.1
Dislocations	839	0.9
Hernia	595	0.6
Rupture of muscles or tendons.....	316	0.3
Heat Prostration	265	0.3
Concussions of brain and spine.....	141	0.1
Photophobia (extreme sensitivity to light).....	129	0.1
Internal injuries	121	0.1
Synovitis and tenosynovitis.....	114	0.1
Suffocation and asphyxiation.....	100	0.1
Poisonous substances—injuries from handling, exclusive of burns.....	96	0.1
Rupture of blood vessels.....	53	0.1
Electric shock	43	(a)
Amputations	22	(a)
Paralysis	22	(a)
Total	96,952	100.0

(a) Less than one-tenth of one per cent.

Three-fifths of all accidents causing temporary disability consisted of abrasions, bruises, contusions, crushes, cuts, lacerations, or punctures.

Of the 58,322 cases of abrasions, bruises, contusions, crushes, cuts, lacerations and punctures —

29,343 were of hand, thumb or fingers.

9,417 were of foot or toes.

3,227 were of the face (including eyes and eyelids).

2,428 were of the trunk.

Of the 7,841 cases of burns, 1,473 were of the eyes or eyelids, 1,444 of the hand, thumb or fingers, and 1,374 of the foot or toes.

Of the 6,757 fractures, 1,610 were of the hand, thumb, or fingers, 1,404 of rib or ribs, and 1,153 of the foot or toes.

Of the 7,922 sprains and strains, 2,322 were of back, 1,667 were of the ankle and 996 were of the wrist.

In addition to these injuries, 10,580 disabilities were the result of foreign bodies in the eye.

Infections occurred in connection with 8,751 or 9.0 per cent of the accidents causing temporary disability. The frequency of infections in connection with accidents of this class is discussed on page 38.

INFECTIONS.

Infection in connection with industrial accidents occurs with much more frequency than is generally appreciated. Infection was reported as having occurred following 9,024 out of 100,003 accidents for which awards were made during the eighteen months ending June 30, 1915. In other words, infection occurred in almost 1 out of every 10 cases. It is obviously not possible to make any definite statement as to the proportion of cases in which adequate precautions would have prevented the infection, but it is safe to say that a reasonable effort to give injuries aseptic dressings would have saved much suffering, would have prevented a considerable number of permanent partial disabilities and would have saved human lives.

The 9,024 infected cases were divided as follows according to their resulting disability —

37 cases resulted fatally.

1 case resulted in permanent total disability.

235 cases resulted in permanent partial disability.

8,751 cases resulted in prolonged temporary disability.

FATAL ACCIDENTS.

Of the 37 cases resulting fatally —

23 occurred in connection with very trivial injuries, cuts, scratches, lacerations, bruises and abrasions.

5 were cases of tetanus (lock-jaw), due to stepping on nails or other sharp objects.

2 occurred in connection with burns or scalds.

7 occurred in connection with miscellaneous accidents of a more or less serious nature, but which, under ordinary circumstances, would not have resulted fatally.

PERMANENT TOTAL DISABILITY.

One case of infection in connection with a bruise of the eye-ball caused by a small piece of coal striking it resulted in permanent total

disability. An ulcer developed resulting in loss of sight in the eye. Vision in the other eye had been destroyed some time previously.

PERMANENT PARTIAL DISABILITY.

The number of permanent partial disabilities which were due to infection, as compared with the total number of permanent partial disabilities allowed, show the following results:

<i>Type of Disability.</i>	<i>Total Number of Claims Allowed.</i>	<i>Total Number of Claims in Which the Per- manent Partial Disability Was the Result of Infection.</i>	<i>Per Cent Result of Infection.</i>
Total or partial loss of vision in one or both eyes	385	69	17.9
Total loss of hearing in one ear	9	...	...
Total or partial loss of one arm	70	1	1.4
Total or partial loss of finger or fingers, both hands	6	...	...
Total or partial loss of one hand	79	6	7.6
Total or partial loss of finger, or fingers and thumb, one hand	1,668	137	8.2
Total or partial loss of one leg	40	2	5.0
Total or partial loss of one foot	64	7	10.9
Total or partial loss of toe or toes	85	13	15.3
Not otherwise classified	11	...	...
Total	2,417	235	9.7

The nature of the permanent partial disabilities which resulted from infections which occurred in connection with accidents is shown below —

<i>Loss Sustained.</i>	<i>Number of Cases.</i>
Eye —	
Total loss of vision	37
More than half loss of vision	12
One-half loss of vision	15
Less than one-half loss of vision	5
Hand —	
Total loss	1
One-half loss	2
Less than one-half loss	3
Arm —	
Less than one-half loss	1

Thumb —

Total loss of thumb and metacarpal.....	1
Total loss	3
One-half loss	9
Partial loss, thumb and fingers.....	1

Finger or fingers —

More than one finger, total or partial loss.....	23
One finger, total loss.....	41
One finger, two-thirds loss.....	32
One finger, one-third loss.....	23
Ankylosis, one finger, one-half loss.....	4

Leg —

Total loss	2
------------------	---

Foot —

Total loss	6
Ankylosis, equal to one-sixth loss of foot.....	1

Toes —

Total loss, 1st, 2nd, 3rd, 4th toes and first metatarsal.....	2
Total loss, 1st and 2nd toes.....	1
Total loss, one toe.....	10

Total	235
-------------	-----

TEMPORARY DISABILITY.

Infection occurred in 8,751 cases causing temporary disability. Of these —

7,125 occurred in connection with abrasions, bruises, contusions, crushes, cuts, lacerations, punctures (including wounds from splinters) and scratches.

613 occurred in connection with burns.

579 occurred in connection with the presence of a foreign body in the eye.

434 were distributed among 13 types of injuries.

TIME COST OF ACCIDENTS FOR THE TWELVE MONTHS ENDING JUNE 30, 1915.

For the first six months of 1914, the analysis of the accident claims filed under the Workmen's Compensation Act did not include data concerning time lost by reason of accidents. This information, however, has been compiled for the twelve months from July 1, 1914, to June 30, 1915.

The time lost cannot be actually computed excepting for those accidents which caused only temporary disability, but it is possible to secure an approximate figure for the accidents causing death or permanent disability.

The total number of fatal accidents for which awards were made during the twelve months was 482 and the total life expectancy according to the Carlisle Mortality Tables, is 13,685 years.

Thirteen accidents causing permanent total disability received awards during the period and the total life expectancy in these cases according to the Carlisle Tables is 452 years.

The 1,646 accidents causing permanent partial disability received awards under the Ohio Workmen's Compensation Act for a total of 492,066 days, or 1,344 years.

The actual time lost from the 32,732 accidents which caused temporary disability for more than seven days was 922,984 days, or 2,529 years.

The actual time lost from the 38,668 accidents which caused temporary disability for seven days or less was 79,824 days, or 219 years.

Computed on the basis indicated the time cost of the 73,541 industrial accidents which received awards during the twelve months was approximately 18,229 years.

The average time actually lost from the 71,400 accidents which caused temporary disability was 14.0 days; the average time lost for the 32,732 accidents which caused temporary disability for more than seven days was 28.2 days; and the average time lost for the 38,668 accidents which caused temporary disability for seven days or less was 2.1 days.

DURATION OF DISABILITY IN ACCIDENTS RESULTING IN TEMPORARY DISABILITY.

Eliminating accidents causing death, permanent total disability, or permanent partial disability, 96,952 accident claims were adjudicated during the eighteen months ending June 30, 1915. For 61 of these accidents the period of disability had not yet been determined, and of the remaining 96,891 the disability terminated for —

- 52,359, or 54.0 per cent, within the first week.
- 15,591, or 16.1 per cent, within the second week.
- 10,378, or 10.7 per cent, within the third week.
- 6,053, or 6.2 per cent, within the fourth week.
- 11,124, or 11.5 per cent, within the fifth to the thirteenth weeks inclusive.
- 1,386, or 1.4 per cent, within the fourteenth week or later.

As already noted, the analysis of the accident claims filed under the Workmen's Compensation Act during the first six months of 1914 did not include data concerning time lost by reason of accident, but such information has been compiled for the twelve months from July 1, 1914, to June 30, 1915. During the latter period, claims were allowed for 71,400 accidents causing temporary disability. The average time actually lost from the 71,400 accidents which caused temporary disability was 14.0 days; the average time lost for the 32,732 accidents which caused temporary disability for more than seven days was 28.2 days;

and the average time lost for the 38,668 accidents which caused temporary disability for seven days or less was 2.1 days.

AWARDS MADE AND THE TIME COST OF ACCIDENTS, BY CAUSE,
FOR THE TWELVE MONTHS ENDING JUNE 30, 1915.

The causes of accidents acquire their significance first of all in relation to the human suffering which they produce. Any type of machinery which costs men their fingers, or eyes demands a careful study in order that such machinery may be properly guarded to prevent such suffering in the future. No definite measure of misery, however, exists, but the time cost and money expenditure for compensation and medical and hospital bills, as the result of specified causes, are quite concrete measures of what certain causes of industrial accidents signify in the industrial life of this State.

General Table XIII presents by causes in detail, the cost in working time and the total amount awarded, for the 73,541 accidents for which awards were made during the twelve months ending June 30, 1915.

FATAL ACCIDENTS.

During the period under consideration, awards were made under the Workmen's Compensation Act of Ohio for 482 fatal accidents and the total amount awarded on these cases was \$1,144,429.90. The aggregate time cost, computed on life expectancy of the persons killed, according to the Carlisle Mortality tables, was 13,685.28 years. (a)

On the basis of working time which the resulting accidents cost the community, the causes representing a time cost of 300 or more years each because of fatal accidents ascribed to them are given below.

<i>Cause.</i>	<i>Number of Accidents.</i>	<i>Life Expectancy According to the Carlisle Mortality Tables (years.)</i>
Electric shocks	28	906.21
Falls of mine roofs.....	28 (b)	825.93
Falls from trestles, scaffolds, runways, joists, walls, etc., not due to breaking down or collapse	27	769.30
Cranes	16	548.78
Run down or struck by moving train or other vehicles running on track.....	20	524.27
Elevators	14	470.07
Collisions (transportation not on tracks. In- cludes collisions of vehicles with trains or cars)	12	394.81
Accidents due to transportation by water.....	12 (b)	354.48
Explosions of gas.....	10	301.75

a Not including 5 cases in which the age was not reported.

b Includes one case where age of decedent was not reported.

On the basis of total amount awarded, the causes representing total awards of \$25,000 or over, as a result of fatal accidents ascribed to them, are stated below in the order of amount awarded. Since the amount of the death benefit in any given case is determined on a basis of wages at time of injury, and on proved dependency, the total awards made for accidents ascribed to any given cause does not necessarily bear any direct relation to the number of accidents ascribed to that cause.

<i>Cause.</i>	<i>Number of Accidents.</i>	<i>Total amount awarded. (Includes death benefits medical and hospital expenses, and funeral expenses.)</i>
Falls from trestles, scaffolds, runways, joists, walls, etc., not due to breaking down or collapse	27	\$75,491 50
Electric shocks	28	61,878 58
Falls of mine roofs.....	28	60,017 85
Run, down or struck by moving train or other vehicle running on tracks.....	20	44,297 25
Cranes	16	41,585 80
Elevators	14	33,488 50
Falling or shifting or dropping objects or tools as a result of handling, moving, carrying or piling in shops, warehouses, etc., by hand	12	30,801 05
Collisions (transportation not on tracks. In- cludes collisions of vehicles with trains or cars)	12	29,944 25
Explosions of gas.....	10	26,267 50

PERMANENT TOTAL DISABILITY.

During the twelve months under consideration, there were 13 accidents which resulted in permanent total disability. The small number of cases renders their distribution by causes of little significance. The total life expectancy for the thirteen injured persons was 451.96 years. The total amount which will eventually be paid out as awards in these cases is unknown, as compensation continues during life. These 13 cases are classified by cause in General Table XIII.

PERMANENT PARTIAL DISABILITY.

Sixteen hundred and forty-six awards for permanent partial disability were made during the twelve months ending June 30, 1915. Under the Workmen's Compensation Act of Ohio, awards are made for definite

periods, determined by type of disability, for claims for permanent partial disability, and it is, therefore, impossible to determine the actual loss of working time and efficiency as a result of accidents of this class. However, the actual number of days for which awards were made is to some degree an index of the cost to the community of these accidents. Compensation was allowed for the 1,646 claims of this class for 492,066 days, the equivalent of 1348.1 years. The total amount awarded on these claims was \$718,986.

Those causes to which were ascribed accidents, for which time cost aggregated 10,000 or more days (27.4 years) each, are presented below:

<i>Cause.</i>	<i>Number of Accidents.</i>	<i>Number of days for which compensation was allowed under the Ohio law.</i>
Accidents due to hand (trade) tools and simple apparatus	159	66,327
Stamping, shearing, and punching machines — sheet metal	199	45,261
Saws (power)	110	29,773
Cog, gear and friction wheels.....	76	23,166
Planers, shapers, slotters and facers.....	79	18,015
Power presses	65	15,906
Falling or shifting or dropping objects or tools as a result of handling, moving, carrying, or piling in shops, warehouses, etc., by hand	99	15,728
Flying or recoiling objects (not from working machine or material).....	32	15,478
Rolls and calenders.....	32	15,251
Cranes	58	13,828
Drive-belts and pulleys associated with them....	19	13,123
Power hammers, steam and electric riveters and allied machines	29	11,599

On the basis of total amount awarded, the causes representing total awards of \$10,000 or over, as a result of accidents resulting in permanent partial disability ascribed to them, are shown below in the order of amount awarded.

<i>Cause.</i>	<i>Number of Accidents.</i>	<i>Total Amount awarded. (Includes compensation, medical and hospital expenses.)</i>
Accidents due to hand (trade) tools, and simple apparatus	159	\$99,962
Stamping, shearing and punching machines—sheet metal	199	61,483
Saws (power)	110	39,392
Cog, gear and friction wheels.....	76	35,031
Planers, shapers, slotters and facers.....	79	25,699
Falling or shifting or dropping objects or tools as a result of handling, moving, carrying or piling in shops, warehouses, etc., by hand	99	23,810
Flying or recoiling objects (not from working machine or material).....	32	23,220
Rolls and calenders.....	48	22,330
Power presses	65	21,307
Cranes	58	19,322
Drive-belts and pulleys associated with them....	19	18,168
Power hammers, steam and electric riveters, and allied machines	29	17,517
Mills (grinding, crushing, etc.).....	14	11,849
Boring, drilling and reaming machines.....	29	11,437

TEMPORARY DISABILITY.

During the 12 months ending June 30, 1915, claims were paid for 71,400 cases of temporary disability resulting from industrial accidents in this State. For accidents of this class, the exact period of disability is reported, and these 71,400 accidents represented a time cost of 1,002,808 days (approximately 2,747.4 years). They cost in total amount awarded, including compensation, and medical and hospital expenses \$1,370,522.

Those causes to which were ascribed accidents, representing actual time cost of 10,000 or more days (27.4 years) of working time, are stated below:

<i>Cause.</i>	<i>Number of Accidents.</i>	<i>Actual number of days lost.</i>
Falling, or shifting, or dropping objects or tools as a result of handling, moving, carrying or piling in shops, warehouses, etc., by hand..	8,305	116,790
Accidents due to hand (trade) tools, and simple apparatus	7,024	71,084
Falling or shifting objects or tools while loading or unloading by hand.....	2,642	45,704
Falling, slipping, or stumbling on floors, or other ordinary surfaces	1,979	38,938
Fluid or glowing metals, slag, ashes.....	1,812	31,096
Accidents due to carrying, lifting or handling great weights	1,741	27,139
Falling, slipping, or stumbling over objects or because of defective flooring.....	1,177	25,377
Falls from ladders.....	663	19,280
Bumping against objects and tools.....	1,841	18,649
Cranes	843	17,430
Handling sharp-edged objects.....	2,090	16,688
Nails, splinters, etc., attached.....	1,956	16,202
Saws (power)	976	14,664
Falls from trestles, scaffolds, runways, joists, walls, etc., due to breaking down or collapse	414	14,539
Falls from trestles, scaffolds, runways, joints, walls, etc., not due to breaking down or collapse	419	14,349
Flying or recoiling objects (not from working machine or material).....	2,934	13,938
Cave-ins and falls, or rolls, of rock, sand, and earth masses (exclusive of mines).....	378	12,959
Stamping, shearing and punching machines—sheet metal	923	12,683
Falling down or shifting of piled-up bales of goods, piles of lumber, objects, etc. (not as a result of moving or unloading).....	671	11,343
Stepping on sharp or edged objects.....	1,550	11,303
Rolls and calenders.....	588	10,100

Those causes representing total awards of \$20,000 or over, because of accidents resulting in temporary disability ascribed to them, are shown below in the order of total amounts awarded, including compensation and medical and hospital bills.

<i>Cause.</i>	<i>Number of accidents.</i>	<i>Total amount awarded. (Includes compensation, medical and hospital ex- penses.)</i>
Falling or shifting or dropping objects or tools as a result of handling, moving, carrying or piling in shops, warehouses, etc., by hand	8,305	\$145,635
Accidents due to hand (trade) tools and simple apparatus	7,024	95,053
Falling, slipping, or stumbling on floors or other ordinary surfaces.....	1,979	54,608
Fluid or glowing metals, slag, ashes.....	1,812	45,737
Falling, slipping, or stumbling over objects or because of defective flooring.....	1,177	33,616
Falls from ladders.....	663	29,937
Accidents due to carrying, lifting or handling great weights	1,741	26,570
Bumping against objects or tools.....	1,841	25,233
Falls from trestles, scaffolds, runways, joists, walls, etc., not due to breaking down or collapse	419	24,676
Falls from trestles, scaffolds, runways, joists, walls, etc., due to breaking down or collapse	414	23,668
Cranes	843	23,543
Nails, splinter, etc., attached.....	1,956	21,784
Grinding and polishing machines. (Includes bursting of wheel, flying particles, and miscellaneous accidents from grinding and polishing machines)	4,337	21,598
Saws (power)	976	20,102

AGE OF INJURED EMPLOYEES. FOR THE TWELVE MONTHS ENDING JUNE 30, 1915.

The age at time of injury of employees who received awards during the twelve months ending June 30, 1915, were tabulated as far as reported. During the period under consideration 73,541 persons received awards, and of these the age at injury was tabulated for 37,869. While the large number of cases in which the age was not reported prevents the results on this point from being as conclusive as is desirable, the results for 37,869 employees serve to suggest certain tendencies in the age distribution of injured persons.

Of the total number for whom a report on age at time of injury was made —

790, or 2.1 per cent, were under 18 years of age.
 2,266, or 6.0 per cent, were 18 but under 20 years of age.
 14,478, or 38.2 per cent, were 20 but under 30 years of age.
 10,185, or 26.9 per cent, were 30 but under 40 years of age.
 6,162, or 16.3 per cent, were 40 but under 50 years of age.
 2,889, or 7.6 per cent, were 50 but under 60 years of age.
 975, or 2.6 per cent, were 60 but under 70 years of age.
 119, or 0.3 per cent, were 70 but under 80 years of age.
 5, or less than one-tenth of one per cent, were 80 years of age or over.

It will thus be seen that of those for whom age was known, almost two-thirds were 20 but under 40 years of age, a little less than three-fourths were under 40 years of age, and almost exactly nine-tenths were under 50 years of age.

The only available data as to the age distribution of wage-earners are found in Vol. IV, Census of 1910, entitled "Occupation Statistics". The age distribution in that report is such, however, as to give it little value for purposes of comparison with the ages of injured persons, as reported to the Industrial Commission of Ohio (a). Any comparison with the total population is unsatisfactory, because the figures for total population include all women who are not gainfully employed, and many other persons not covered by the Workmen's Compensation Act of Ohio. The distribution by age groups, of the total population of the State according to the Census of 1910 is presented herewith, however, for what it may be worth as an indication of how accident distribution by ages, compares with the age distribution of the total population.

The total population of Ohio, according to the Census of 1910 was 4,767,121 persons. The age of 6,303 persons was not reported, so that the ages of 4,760,818 persons were known. They were distributed as follows:

<i>Age Period.</i>	<i>Per Cent.</i>	<i>Number.</i>
Under 20 years	1,790,888	37.6
20 but under 30 years.....	880,219	18.5
30 but under 40 years.....	728,404	15.3
40 but under 50 years.....	559,293	11.8
50 but under 60 years.....	401,233	8.4
60 years or over.....	400,781	8.4
All ages	(b) 4,760,818	100.0

For comparison with the ages of injured persons, it is necessary to exclude all under 20 years of age, as so large a proportion of persons

(a) See Vol. IV, U. S. Census of 1910, pp. 71 and 73.

(b) Not including 6,303 persons for whom age was not reported.

of this age are unemployed as to make comparisons valueless. Below is a comparison of the percentage of persons who received awards for injuries in each age period, beginning at 20 years of age, with the percentage of the total population in the corresponding age period according to the Census of 1910.

<i>Age period.</i>	<i>Per cent of total number of persons receiving awards under the Workmen's Compensation Act of Ohio in each age period.</i>	<i>Per cent of total population of Ohio according to the U. S. Census of 1910, in each age period.</i>
20 but under 30 years.....	38.2	18.5
30 but under 40 years.....	26.0	15.3
40 but under 50 years.....	16.3	11.8
50 but under 60 years.....	7.6	8.4
60 years or over.....	2.9	8.4

As already noted, however, the fact that women who are not gainfully employed constitute a large proportion of the total population and that a considerable proportion of employed persons both male and female are not covered by the Workmen's Compensation Act of Ohio, gives this comparison only suggestive value.

FATAL ACCIDENTS.

The age at time of injury was reported for 477 of the 482 fatal cases, for which awards were made during this period. Of those for whom age was reported —

- 11, or 2.3 per cent, were under 18 years of age.
- 11, or 2.3 per cent, were 18 but under 20 years of age.
- 119, or 25.0 per cent, were 20 but under 30 years of age.
- 130, or 27.3 per cent, were 30 but under 40 years of age.
- 96, or 20.1 per cent, were 40 but under 50 years of age.
- 63, or 13.2 per cent, were 50 but under 60 years of age.
- 42, or 8.8 per cent, were 60 but under 70 years of age.
- 4, or 0.8 per cent, were 70 but under 80 years of age.
- 1, or 0.2 per cent, was 80 years of age or over.

Of those who lost their lives through industrial accidents during the twelve months under consideration, slightly more than one-half were 20 but under 40 years of age, and a little more than three-fourths were under 50 years of age.

PERMANENT TOTAL DISABILITY.

The age at time of injury was reported for each of the 13 employees who received injuries totally incapacitating them for life during the

twelve months ending June 30, 1915. Of these receiving awards for permanent total disability —

- 1 was under 18 years of age.
- 2 were 18 but under 20 years of age.
- 4 were 20 but under 30 years of age.
- 4 were 30 but under 40 years of age.
- 2 were 40 but under 50 years of age.

PERMANENT PARTIAL DISABILITY.

The age at time of injury was reported for 1,157 employees who sustained injuries which resulted in permanent partial disability during the twelve months under consideration. Of these —

- 28, or 2.4 per cent, were under 18 years of age.
- 75, or 6.5 per cent, were 18 but under 20 years of age.
- 399, or 34.5 per cent, were 20 but under 30 years of age.
- 295, or 25.5 per cent, were 30 but under 40 years of age.
- 192, or 16.6 per cent, were 40 but under 50 years of age.
- 117, or 10.1 per cent, were 50 but under 60 years of age.
- 47, or 4.1 per cent, were 60 but under 70 years of age.
- 4, or 0.3 per cent, were 70 but under 80 years of age.

Thus three-fifths were 20 but under 40 years of age, and more than four-fifths were under 50 years of age.

TEMPORARY DISABILITY.

The proportion of claims for temporary disability which did not show the age of the injured employe was so high as to render results as to the age of injured persons receiving awards of this class, particularly uncertain. Of 71,400 awards for temporary disability during this period (including 38,668 cases for which the disability was 7 days or less, and for which medical and hospital bills only were paid) the age at time of injury was reported in but 36,222 cases. Of those persons who received awards for temporary disability and for whom the age at time of injury was known —

- 750, or 2.1 per cent, were under 18 years of age.
- 2,178, or 6.0 per cent, were 18 but under 20 years of age.
- 13,956, or 38.5 per cent, were 20 but under 30 years of age.
- 9,756, or 26.9 per cent, were 30 but under 40 years of age.
- 5,872, or 16.2 per cent, were 40 but under 50 years of age.
- 2,709, or 7.5 per cent, were 50 but under 60 years of age.
- 886, or 2.4 per cent, were 60 but under 70 years of age.
- 111, or 0.3 per cent, were 70 but under 80 years of age.
- 4, or less than one-tenth of one per cent, were 80 years of age or over.

Of the total number for whom a report of age was received, about two-thirds were 20 but under 40 years of age, while almost nine-tenths were under 50 years of age.

HOUR OF ACCIDENT.

The hour of occurrence was not reported for 4,436 of the 100,003 accidents. Of the 95,567 accidents for which the hour was reported, 50.8 per cent occurred during the forenoon hours.

The accident peak, or hour of most frequent occurrence for the forenoon was from 10 to 10:59 and for the afternoon, from 3 to 3:59, although 9 to 9:59 in the forenoon shows only a slightly less number of accidents than does the three o'clock afternoon hour. It is a significant fact that in practically all of the large industries the peaks of most frequent occurrence are from 10 to 10:59 in the forenoon and from 3 to 3:59 in the afternoon. Each of 12 general industry groups are represented by two thousand or more accidents, and the forenoon peak is reached in the ten o'clock hour in 11 of the 12 industry groups and the afternoon peak in the three o'clock hour in 8 of the 12 industry groups. Data are not available showing the number of men exposed to accidents, but there is no great variation in this number during the period from 8 to 11 in the forenoon and from 1 to 5 in the afternoon.

The number and per cent of accidents occurring during each hour are shown in the table which follows:

NUMBER AND PER CENT OF ACCIDENTS OCCURRING AT EACH HOUR OF THE DAY.

(This table does not include 4,436 accidents for which the hour of occurrence was not reported.)

Forenoon.			Afternoon.		
Hour.	Number of accidents.	Per cent of total.	Hour.	Number of accidents.	Per cent of total.
12 (night)			12 (noon)		
to 12:59.....	643	0.7	to 12:59.....	3,033	3.2
1 to 1:59.....	654	0.7	1 to 1:59.....	6,039	6.3
2 to 2:59.....	793	0.8	2 to 2:59.....	8,938	9.4
3 to 3:59.....	836	0.9	3 to 3:59.....	10,301	10.8
4 to 4:59.....	799	0.8	4 to 4:59.....	8,252	8.6
5 to 5:59.....	792	0.8	5 to 5:59.....	3,239	3.4
6 to 6:59.....	1,600	1.7	6 to 6:59.....	1,346	1.4
7 to 7:59.....	5,057	5.3	7 to 7:59.....	1,198	1.3
8 to 8:59.....	7,735	8.1	8 to 8:59.....	1,328	1.4
9 to 9:59.....	10,207	10.7	9 to 9:59.....	1,169	1.2
10 to 10:59.....	11,469	12.0	10 to 10:59.....	1,115	1.2
11 to 11:59.....	7,964	8.3	11 to 11:59.....	1,060	1.1
			Total (Forenoon and Afternoon)	95,567	100.0

DAY OF ACCIDENT.

Data concerning the number of employes exposed to risk on each day of the week are not available, but it is a matter of common knowledge that, in proportion to the number employed on other days, comparatively few work on Sunday and also in many industries shorter hours are worked on Saturday than on other days of the week except Sunday. It is also rather generally believed that fewer men are working on Monday than on Tuesday, Wednesday, Thursday and Friday.

A study of the 99,808 accidents for which the day of occurrence was reported shows that more accidents occurred on Monday than on any other day of the week. The number and per cent of total for each day were —

17,524,	or 17.6 per cent,	on Monday.
16,911,	or 16.9 per cent,	on Tuesday.
16,842,	or 16.9 per cent,	on Wednesday.
16,818,	or 16.9 per cent,	on Thursday.
16,813,	or 16.8 per cent,	on Friday.
12,486,	or 12.5 per cent,	on Saturday.
2,414,	or 2.4 per cent,	on Sunday.

LENGTH OF EXPERIENCE.

Experience, or lack of it, in a particular occupation or line of work has an important bearing on accident prevention. It is practically impossible to get satisfactory data concerning an injured employe's experience with various employers for whom he has worked and the inquiry, therefore, covers only the employe's experience with the employer for whom he was working at the time of the accident. This report was requested only for injured employes disabled for more than 7 days. The number of claims allowed which involved a disability of more than 7 days was 47,644. Data concerning experience were secured for 42,860 cases and of that number —

4,284,	or 10.0 per cent,	had experience of less than 1 month.
9,397,	or 21.9 per cent,	had experience of 1 and under 6 months.
5,517,	or 12.9 per cent,	had experience of 6 months and under 1 year.
23,662,	or 55.2 per cent,	had experience of 1 year or over.

WAGES OF INJURED EMPLOYES.

Reports concerning weekly wages of injured employes were not secured in claims against the State Insurance Fund where the disability did not exceed 7 days. Of the 63,213 claims of other types, the weekly wages were reported for 59,870 males and for 1,327 females.

Of the 59,870 males the weekly wages of —

139,	or 0.2 per cent,	were less than \$5.
693,	or 1.2 per cent,	were \$5 and under \$7.
3,889,	or 6.5 per cent,	were \$7 and under \$10.
28,805,	or 48.1 per cent,	were \$10 and under \$15.
17,487,	or 29.2 per cent,	were \$15 and under \$20.
8,857,	or 14.8 per cent,	were \$20 or over.

When the wages for injured male employees are classified in larger groupings, it is seen that the weekly wages are less than \$10 for 7.9 per cent; less than \$15 for 56.0 per cent, and \$15 or over for 44.0 per cent.

Of the 1,327 females, the weekly wages of —

59, or 4.4 per cent, were less than \$5.
 455, or 34.3 per cent, were \$5 and under \$7.
 598, or 45.1 per cent, were \$7 and under \$10.
 179, or 13.5 per cent, were \$10 and under \$15.
 36, or 2.7 per cent, were \$15 or over.

Classifying in larger groupings, the wages of injured female employees, the weekly wages were less than \$7 for 38.7 per cent, less than \$10 for 83.8 per cent, and \$10 or over for 16.2 per cent.

ACCIDENTS BY COUNTIES.

Every county in the State of Ohio is represented in the awards made for accidents during the eighteen months ending June 30, 1915. In each of the ten counties enumerated below, more than one thousand claims were allowed and more than one hundred thousand dollars was awarded.

<i>County.</i>	<i>Number of claims.</i>	<i>Total amount awarded (not including medi- cal and hospital expenses of em- ployers carrying self-insurance under the State Plan.)</i>
Cuyahoga	24,750	\$903,682 48
Hamilton	12,286	498,098 46
Mahoning	7,473	298,020 80
Franklin	6,659	294,075 79
Lucas	6,043	287,180 23
Summit	4,639	199,929 22
Montgomery	4,393	180,235 64
Stark	3,714	198,949 66
Butler	2,898	107,397 54
Jefferson	2,165	135,979 64

General Table XIX shows for each county, by type of claim, the number of claims allowed and the total awards for the eighteen months ending June 30, 1915.

TABLE I—GENERAL FINANCIAL STATEMENT OF ALLOWANCES,
JANUARY 1, 1914 TO JUNE 30, 1915.

[Compensation for permanent total disability continues during the lifetime of the injured employe, and the expenditure shown for cases of this kind is therefore not an aggregate, but only the amount awarded during the eighteen months, January 1, 1914 to June 30, 1915. Cases of other kinds are also continued and additional allowances made from time to time.]

Type of Claim.	Claims against the State Insurance Fund.	Claims against Employers carrying Self-Insurance under the State Plan.	Claims of Public Employes.	Claims arising under Section 27 of the Workmen's Compensation Act.	Total.
FATAL CASES—					
Number of cases allowed.....	429	136	25	26	616
Death benefits—					
Number of awards.....	346	118	18	26	508
Amount awarded.....	\$950,038 68	\$317,718 67	\$49,356 00	\$68,017 96	\$1,385,131 31
Medical and hospital expenses—					
Number of awards.....	340	.....	20	17	377
Amount awarded.....	15,979 42	.....	623 50	766 00	17,368 92
Funeral expenses—					
Number of awards.....	429	118	25	25	597
Amount awarded.....	58,028 79	17,602 38	3,212 90	3,015 07	81,859 09
Compensation, where accidents were not immediately fatal and death benefits had not been awarded on June 30, 1915—					
Number of awards.....	4	4	2	.....	10
Amount awarded.....	645 29	769 00	301 00	.....	1,715 29
Total awards in fatal cases.....	\$1,024,692 18	\$336,090 00	\$58,493 40	\$71,799 08	\$1,486,074 61
PERMANENT TOTAL DISABILITY—					
Number of cases allowed...	11	5	.....	2	18
Compensation—					
Number of awards.....	11	5	.....	2	18
Amount awarded.....	\$10,845 36	\$15,896 88	.....	\$7,094 58	\$42,836 82
Medical and hospital expenses—					
Number of awards.....	11	.....	.....	2	13
Amount awarded.....	1,629 50	.....	.....	375 00	2,004 50
Total awards for permanent total disability...	\$21,474 86	\$15,896 88	.....	\$7,469 58	\$44,841 32
PERMANENT PARTIAL DISABILITY—					
Number of cases allowed...	1,889	468	29	31	2,417
Compensation—					
Number of awards.....	1,885	468	29	31	2,413
Amount awarded.....	713,490 67	223,539 91	11,465 98	16,510 00	965,006 56
Medical and hospital expenses—					
Number of awards.....	1,726	.....	29	29	1,784
Amount awarded.....	80,424 30	.....	1,970 90	1,708 35	84,103 55
Total awards for permanent partial disability.....	\$793,914 97	\$223,539 91	\$13,436 88	\$18,218 35	\$1,049,110 11
TEMPORARY DISABILITY FOR MORE THAN 7 DAYS—					
Number of cases allowed...	32,334	11,356	745	158	44,593
Compensation—					
Number of awards.....	29,276	11,302	681	157	41,416
Amount awarded.....	\$356,999 09	\$337,853 60	\$28,880 79	\$10,745 32	\$1,234,479 80
Medical and hospital expenses—					
Number of awards.....	30,521	.....	697	155	31,373
Amount awarded.....	437,328 50	.....	13,071 83	4,548 50	454,948 83
Total awards for temporary disability of more than 7 days.....	\$1,294,327 59	\$337,853 60	\$41,952 62	\$15,294 32	\$1,689,428 13

TABLE I — Concluded.

Type of Claim.	Claims against the State Insurance Fund.	Claims against Employers carrying Self-In- surance under the State Plan.	Claims of Public Employees.	Claims arising under Section 27 of the Work- men's Compensation Act.	Total.
TEMPORARY DISABILITY OF 7 DAYS OR LESS—					
Number of cases allowed... Medical and hospital ex- penses—	36,790	15,339	225	5	52,359
Number of awards.....	36,790	15,339	225	5	52,359
Amount awarded	130,908 74	.....	1,597 25	25 50	132,531 49
Total awards for tem- porary disability of 7 days or less	\$130,908 74	.....	\$1,597 25	\$25 50	\$132,531 49
GRAND TOTAL.					
Number of awards.....	71,458	27,304	1,024	222	100,008
Amount awarded	\$3,265,318 84	\$913,880 89	\$110,480 15	\$112,807 28	\$4,401,986 16

TABLE II—ADDITIONAL ALLOWANCES AWARDED DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915, ON CLAIMS ADJUDICATED PRIOR TO JANUARY 1, 1914, BY INDUSTRY CLASS AND SUB-CLASS.

A. FATAL CASES.

Industry Class and Sub-Class.	Grand Total.		Medical and Hospital Expenses.		Funeral Expenses.	
	Total Number of Claims for which additional Allowances were made.	Total Amount Awarded.	Number of Awards.	Amount Award'd.	Number of Awards.	Amount Award'd.
V. CONTRACTING—						
10. Boat builders—iron, steel or wood not otherwise classified, where staging or scaffolding is used (including shop and yard work).	1	\$255 00	1	\$106 00	1	\$150 00
22. Carpenters—Construction a way from shops (not bridge building)..	1	150 00			1	150 00
Total	2	\$405 00	1	\$106 00	2	\$300 00
X. METALS—						
53. Fireproof equipment mfrs.	1	\$15 00			1	\$15 00
122. Rolling tin andterne plate from tin plate bars, including dipping. No tin plate bar manufacturing, no blast furnace, converter, or casting of steel.....	1	5 00	1	5 00		
Total	2	\$20 00	1	\$5 00	1	\$15 00
XIV. OILS, ETC.—						
13. Dairies	1	\$56 25	1	\$56 25		
XV. ORE REDUCTION AND CONCENTRATION—						
2. Blast furnaces.....	1	5 00	1	5 00		
XVII. POTTERY AND GLASS—						
2. Brick mfrs.—including digging and quarrying	1	5 00	1	5 00		
XVIII. PRINTING—						
3. Printers	1	3 00	1	3 00		
Grand total.....	8	\$494 25	6	\$179 25	3	\$315 00

TABLE II — Continued.

B. PERMANENT TOTAL DISABILITY.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Total Number of Claims for which additional Allowances were made.	Total Amount Awarded.	Number of Awards.	Amount Award'd.	Number of Awards.	Amount Award'd.
II. CHEMICALS, PAINTS AND DRUGS—						
4. Lead manufacturers (red and white)....	1	\$388 20	1	\$388 20		
IV. COAL MINING—						
1. Coal mining.....	1	622 49	1	622 49		
X. METALS—						
121. Rolling mills—rolling of bars only.	1	986 96	1	986 96		
XIII-A. SPIRIT MFRS., SPIRIT MERCHANTS, ETC.—						
8. Breweries	1	8,792 38	1	8,724 38	1	\$58 00
Grand total.....	4	\$5,735 98	4	\$5,677 93	1	\$58 00

C. PERMANENT PARTIAL DISABILITY.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Total Number of Claims for which additional Allowances were made.	Total Amount Awarded.	Number of Awards.	Amount Award'd.	Number of Awards.	Amount Award'd.
II. CHEMICALS, PAINTS AND DRUGS—						
8. Hydrogen and oxygen mfrs.	1	\$132 43	1	\$132 43		
5. Paint mfrs. (no lead mfrs.)	1	208 16	1	179 66	1	\$28 50
Total	2	\$340 59	2	\$312 09	1	\$28 50
V. CONTRACTING—						
77. Masonry work (not otherwise classified)	1	\$115 16	1	\$41 15	1	\$74 00
104-a. Sewer building (no limit to depth)....	1	4 00			1	4 00
Total	2	\$119 15	1	\$41 15	2	\$78 00
VIII. LUMBER—						
4. Box mfrs.—steam...	1	\$25 00			1	\$25 00
17. Planing and moulding mills	1	12 00			1	12 00
19. Saw mills	2	787 32	1	\$678 57	2	109 75
Total	4	\$824 32	1	\$678 57	4	\$145 75
X. METALS—						
4. Agricultural implement mfrs.	1	\$5 00			1	\$5 00
22. Bolt and nut mfrs. (hot work)	1	180 00	1	\$180 00		
29. Can mfrs.	1	57 00	1	40 00		

TABLE II—Continued.

C. PERMANENT PARTIAL DISABILITY—Continued.

Industry Class and Sub-Class.	Grand Total		Compensation.		Medical and Hospital Expenses.	
	Total Number of Claims for which additional Allowances were made.	Total Amount Awarded.	Number of Awards.	Amount Award'd.	Number of Awards.	Amount Award'd.
38. Coffin and casket (metal) mfrs.....	1	028 26	1	606 26	1	22 00
40. Coppersmiths (shop only)	1	3 35			1	3 35
45. Electric apparatus mfrs.	1	228 50	1	200 00	1	28 50
48. Enamel and agate ware mfrs.	1	23 00			1	23 00
53. Fireproof equipment mfrs.	1	10 00			1	10 00
56. Foundry—iron	1	56 30			1	56 30
57. Foundry—steel castings	1	55 00			1	55 00
68. Gas or gasoline engine mfrs.	1	9 50			1	9 50
72. Hardware (carriage) mfrs.	2	930 25	1	915 00	1	15 25
88. Machine shops—no foundry	1	68 00	1	50 00	1	18 00
89. Machine shops—with foundry	5	331 25	1	210 00	5	171 25
95. Metal goods mfrs.	5	87 33	1	34 86	4	52 50
122. Rolling tin andterne plate from tin plate bars, including dipping	1	7 25			1	7 25
138. Stamping (tin and metal) works.....	1	35 00			1	35 00
142. Steel freight car, pressed steel truck frame and bolster mfrs.	1	810 25	1	620 25	1	190 00
160. Tube (metal) mfrs.	1	81 86			1	31 36
Total	28	\$3,607 23	9	\$2,856 37	25	\$750 86
XI. MILLING—						
1. Milling—general ...	1	\$308 39	1	\$301 39	1	\$7 00
2. Grain elevators—line or terminal..	1	1,023 00	1	882 00	1	141 00
Total	2	\$1,331 39	2	\$1,183 39	2	\$148 00
XIII-A. SPIRIT MFRS., SPIRIT MERCHANTS, ETC.—						
3. Breweries	1	\$1,146 04	1	\$981 64	1	\$164 40
XIII-B. LAUNDRIES, ICE COMPANIES, GAS WORKS, ETC.—						
3. Garbage reduction works	1	\$361 50	1	\$319 00	1	\$42 50
5. Ice (artificial) mfrs.	3	526 50	2	492 00	2	34 50
Total	4	\$888 00	3	\$811 00	3	\$77 00
XIII-E. RAILWAY COMPANIES—						
4. Railroad—steam (operation, maintenance and repair of road-bed).	1	\$39 43	1	\$39 43		

TABLE II—Continued.

C. PERMANENT PARTIAL DISABILITY—Concluded.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Total Number of Claims for which additional Allowances were made.	Total Amount Awarded.	Number of Awards.	Amount Award'd.	Number of Awards.	Amount Award'd.
XV. ORE REDUCTION AND CONCENTRATION—						
2. Blast furnaces	2	\$1,844 43	2	\$1,844 43		
6. Coke burners	1	12 00			1	\$12 00
Total	3	\$1,856 43	2	\$1,844 43	1	\$12 00
XVI. PAPER—						
3. Box mfrs.—folding paper boxes only—no paper making	1	\$984 14	1	\$929 14	1	\$55 00
5. Boxes (solid paper) mfrs. of—no paper making	1	23 00			1	28 00
8. Card and bristol board mfrs.—no pulp mill	1	107 45			1	107 45
21. Paper coating and finishing	2	305 86	1	150 86	2	155 00
Total	5	\$1,420 45	2	\$1,080 00	5	\$340 45
XVII. POTTERY AND GLASS—						
1. Bottle mfrs.	2	\$355 00	2	\$250 00	1	\$5 00
2. Brick mfrs.—including clay digging and quarrying....	1	188 76	1	120 66	1	68 10
3. Glass (plate or window) mfrs....	1	482 16	1	294 36	1	187 80
Total	4	\$1,025 92	4	\$765 52	3	\$260 40
XVIII. PRINTING—						
1. Electrotypes	1	\$767 78	1	\$767 78		
XXII. TEXTILES—						
47. Knitting mills (no yarn mfg.)	1	\$134 86	1	\$134 86		
64. Shoddy mfrs.	1	1,048 05	1	949 05	1	\$90 00
Total	2	\$1,182 91	2	\$1,083 91	1	\$90 00
XXV. WAREHOUSES AND STORES—						
33. Retail stores (not otherwise classified)	1	\$217 30	1	\$217 30		
XXV-A. COAL MERCHANTS, STORAGE COS., SCRAP IRON DEALERS, ETC.—						
3. Building material dealers (yard work only)	1	\$74 50			1	\$74 50
XXVI. WOOD—						
22. Furniture mfrs. and finishers	1	\$7 00			1	\$7 00
Grand total	62	\$14,848 44	32	\$12,602 58	50	\$2,185 80

TABLE II—Continued.
D. TEMPORARY DISABILITY.

Industry Class and Sub-Class.	Grand Total.		Temporary Disability for more than 7 days.				Temporary Disability of 7 days or less.
	Total Number of Cases for which Additional Allowances were made.	Total Amount Awarded.	Number of cases for which Awards were granted.	Compensation.		Medical and Hospital Expenses.	
				Number of cases for which Compensation was Awarded.	Amount of Compensation Awarded.			Number of cases for which Medical and Hospital Expenses Allowed.	Amount of Medical and Hospital Expense Allowed.
I. BAKERS, CONFECTIONERS, ETC. —							
1. Bakers.....	1	\$21 00	1	.....	.....	1	\$21 00
3. Candy mfrs.....	1	91 54	1	.....	\$70 29	1	21 25
6. Ice cream mfrs.....	2	36 07	2	.....	27 72	1	7 35
Total	4	\$147 61	4	3	\$98 01	3	\$49 60
II. CHEMICALS, PAINTS AND DRUGS —							
4. Lead mfrs. (red and white).....	3	\$158 35	3	3	\$148 35	1	\$10 00
III. COACHES, CARRIAGES AND WAGONS —							
3. Baby carriage mfrs.....	1	\$13 00	1	.....	.....	1	\$13 00
4. Carriage, coach and wagon mfrs. (not including manufacturing of railroad cars).....	2	108 79	2	1	84 14	2	24 65
6. Railroad car mfrs. (no steel cars).....	2	56 29	2	2	56 29	.....	.....
Total	5	\$178 08	5	3	\$140 43	3	\$37 65
IV. COAL MINING —							
1. Coal mining	8	\$294 77	8	6	\$579 27	5	\$115 50
V. CONTRACTING —							
1. Additions to, alteration and repair of buildings and plants.....	1	\$8 57	1	1	\$8 57	.....	.....
14. Bridge building—metal	2	337 14	2	2	315 14	2	\$42 00
16. Building movers—other than wooden.....	1	6 00	.....	.....	.....	.....	.....
22. Carpenters—construction away from shop.....	1	10 00	1	.....	.....	1	10 00
							\$5 00

37. Concrete work—bridge building—no caisson	1	3 00	1		1	3 00			
31. Concrete work—foundations for buildings, piers, abutments, retaining walls, etc., over 20 ft. in height from the footing	3	26 00	3		3	26 00			
36. Conveyors and hoisting apparatus (not otherwise classified)	2	10 00	2		2	10 00			
77. Millwrights—erecting and repairing machinery	1	58 88	1		1	58 88			
70. Oil producing	1	110 00	1		1	110 00			
83. Sewer building—no limit to depth	1	24 53	1		1	24 53			
104a. Tank or gas holder erecting (metal)	1	121 43	1		1	121 43			
114. Wreckers—not marine	1	180 00	1		1	180 00			
133. Total	18	\$218 50	17	9	13	\$757 50	\$154 00	1	\$5 00
VI. ELECTRICAL—									
4. Telegraph and telephone companies—office and exchange employees only	2	\$39 00	2		2		29 00		
VII. LEATHER GOODS AND SHOES—									
17. Shoe and boot mfrs.	4	\$116 45	4	3	2	\$92 45	\$24 00		
VIII. LUMBER—									
4. Box mfrs.—steam	2	\$152 00	2	1	1	\$147 00	\$5 00		
6. Box mfrs.—wire bound	1	48 99	1	1	1	28 49	20 50		
7. Cooperage stock mfrs.	3	188 81	3	1	2	147 06	41 75		
17. Planing and moulding mills	4	66 73	4	2	2	57 73	29 00		
Total	10	\$456 53	10	5	6	\$390 28	\$93 25		
X. METALS—									
4. Agricultural implement mfrs.	3	\$154 07	3	3	3	\$126 82	\$27 25		
92. Bolt and nut mfrs. (hot work)	10	291 76	8	5	5	235 61	44 15	2	\$12 00
25. Bridge work	2	56 44	2	2	1	55 44	4 00		
29. Car mfrs.	4	98 82	4	1	4	27 42	58 90		
38. Coffin and casket (metal) mfrs.	1	96 66	1	1	1	14 66	22 00		
44. Drop forging work (not hardware)	1	10 00	1		1		10 00		
45. Electric equipment mfrs.	1	70 00	1			70 00			
53. Foundry—iron	4	29 50	4	1	1	21 00	10 00	3	19 50
54. Foundry—steel castings	4	70 75	4	2	4	206 80	49 75		
57. Foundry—steel castings	8	316 30	6	2	2	308 50	608 50	2	6 00
59. Forging machine engine mfrs.	3	55 09	3		3		55 09		
63. Gas holder mfrs. (shop only)	1	43 29	1	1	1	84 29	9 00		
64. Gas holder mfrs. (shop only)	1	51 14	1	1	1	41 14	10 00		
72. Iron and steel works—shops fabricating and assembling structural iron and steel	7	535 06	5	4	3	447 48	74 57	2	13 00
76. Iron and steel works—shops fabricating and assembling structural iron and steel	2	87 50	2		2		37 50		
77. Iron and steel works—shops fabricating and assembling structural iron and steel	2	87 50	2		2		37 50		
85. Balconies, fire escapes, etc.	1	6 50						1	6 50
86. Locomotive works	4	90 95	4	3	2	72 95	18 00		
87. Machine shops—no foundry	12	412 04	11	8	7	215 54	191 50	1	2 00
88. Machine shops—with foundry	10	298 41	10	7	6	184 41	114 00		

TABLE II — Continued.
D. TEMPORARY DISABILITY—Continued.

Industry Class and Sub-Class.	Grand Total.		Temporary Disability for more than 7 days.				Temporary Disability of 7 days or less.
	Total Number of Cases for which Additional Allowances were made.	Total Amount Awarded.	Compensation.		Medical and Hospital Expenses.		
			Number of cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.	
X. METALS — Concluded.							
95. Metal goods mfrs.	2	110 02	2	1	2	41 60	
96. Mining and milling machinery mfrs.	4	172 13	1	1	1	80 00	11 50
106. Plumbers' supplies mfrs. of	1	3 00	1		1	3 00	
120. Rolling mills—rolling of metal sheets and plates only, including dipping for galvanizing purposes	14	846 55	5	636 55	14	210 00	
121. Rolling mills—rolling of bars only	1	10 00			1	10 00	
125. Saw mfrs.	1	15 00			1	15 00	
127. Screw mfrs. (cold cut)	1	47 00			1	47 00	
130. Sheet metal workers	3	8 86	1	86	2	7 50	
141. Steam shovel, dredge and ballast loader mfrs.	7	567 23	7	401 23	6	106 00	
142. Steel freight car, pressed steel truck, frame and bolster mfrs.	3	48 14	1	17 14	3	31 00	
148. Steel works — open hearth, Bessemer and crucible, casting ingots, and puddling or blooming mill operations	5	63 02	2	37 15	4	25 87	
148. Stove mfrs. (sheet iron)	1	9 00			1	9 00	
152. Tank builders—shop work only	1	12 75			1	12 75	
156. Tool mfrs. (hand only)	3	37 80	1	22 80	1	14 00	1 00
Total	126	\$5,102 87	59	\$3,018 94	89	\$2,011 96	\$71 50
XI. MILLING —							
1. Milling—general	3	\$9 75			3	\$9 75	

XIII. MISCELLANEOUS—									
1. Abrasive goods mfrs.	1	\$402 68	1	1	1	\$138 76	1	\$163 90	1
2. Hair goods mfrs.—not otherwise classified.	1	14 00	1	1	1	14 00	1	14 00	1
3. Salt mfrs. (not mining or sinking wells)....	1	18 00	1	1	1	18 00	1	18 00	1
Total	3	\$434 68	3	3	3	\$186 76	3	\$196 90	3
XIII-A. SPIRIT MFRS., SPIRIT MERCHANTS, ETC.—									
1. Breweries	2	\$35 57	2	2	2	\$32 57	2	\$3 00	2
XIII-B. LAUNDRIES, ICE COMPANIES, GAS WORKS, ETC.—									
1. Garbage works	1	\$22 92	1	1	1	\$22 92	1	\$518 25	1
2. Ice (artificial) mfrs.	11	566 25	11	11	11	48 00	11	\$518 25	11
Total	12	\$589 17	12	12	12	\$70 92	12	\$518 25	12
XIII-D. DRAYAGE AND TRANSFER COMPANIES—									
1. Automobile garage, including sales room and repair, drivers of cars, demonstrations, etc.	1	\$11 27	1	1	1	\$11 27	1	\$10 00	1
2. Transfer companies (without auto service)	1	10 00	1	1	1	10 00	1	\$10 00	1
3. Transfer companies (including auto service)	1	80 71	1	1	1	\$88 21	1	42 50	1
Total	3	\$101 98	3	3	3	\$49 48	3	\$62 50	3
XIV. OILS, ETC.—									
1. Candle mfrs. (no distilling)	1	\$47 86	1	1	1	\$42 86	1	\$5 00	1
2. Dairies	1	1 43	1	1	1	1 43	1	\$5 00	1
Total	2	\$49 29	2	2	2	\$44 29	2	\$5 00	2
XV. ORE REDUCTION AND CONCENTRATION—									
1. Blast furnaces	19	\$458 00	18	18	18	\$249 25	17	\$207 75	17
2. Coke burners	1	3 00	1	1	1	3 00	1	\$3 00	1
Total	20	\$461 00	19	19	19	\$252 25	18	\$210 75	18
XVI. PAPER—									
1. Box mfrs.—folding paper boxes only—no paper making	1	\$244 08	1	1	1	\$234 58	1	\$9 50	1
2. Boxes (solid paper) mfrs. of—no paper making	4	41 00	4	4	4	41 00	4	41 00	4
3. Boxes (solid paper) mfrs. of—with paper making	1	59 71	1	1	1	49 71	1	10 00	1
4. Card and bristol board mfrs.—no pulp mill	2	17 43	2	2	2	13 43	2	4 00	2
5. Paper mfrs. (all kinds except writing paper—no wood pulp mfg.)	1	18 00	1	1	1	18 00	1	18 00	1
6. Paper coating and finishing	5	484 62	4	4	4	231 57	3	252 25	3
Total	14	\$864 84	13	13	13	\$547 59	12	\$816 75	12

TABLE II — Concluded.
D. TEMPORARY DISABILITY—Concluded.

Industry Class and Sub-Class.	Grand Total.		Temporary Disability for more than 7 days.				Temporary Disability of 7 days or less.
	Total Number of Cases for which Additional Allowances were made.	Total Amount Awarded.	Number of cases which Awards were granted.	Compensation.		Medical and Hospital Expenses.	
				Number of cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of cases which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expense Allowed.
XVII. POTTERY AND GLASS —							
1. Bottle mfrs. (including clay digging and quarrying).....	2	\$39 71	2	2	\$24 71	2	\$15 00
2. Brick mfrs. (including clay digging and quarrying).....	3	79 64	3	1	25 14	3	54 50
3. Glass (plate or window) mfrs.....	2	8 14	1	1	4 14	1	\$4 00
8. Glass mfrs. (no plate or window glass mfg.).....	2	16 00	2	2	16 00	2	16 00
25. Tile mfrs. (for decorating purposes).....	1	34 71	1	1	26 71	1	8 00
Total	10	\$178 20	9	5	\$80 70	8	\$63 50
XVIII. PRINTING —							
3. Printers	1	\$6 00	1			1	\$6 00
XXI. STONE —							
3. Cement mfrs. and quarrying.....	2	\$24 86	2	1	\$22 86	1	\$2 00
5. Concrete blocks for building purposes—no cement mfg.—shop work only.....	1	34 00	1	1	\$18 00	1	\$16 00
13. Lime quarries	3	292 43	3	3	277 43	1	15 00
23. Plaster for walls—mixing and warehouse plants (no mfg.).....	1	5 75	1			1	5 75
27. Quarrying—silica sand and silica sandstone including crushing and grinding.....	3	38 50	3	1	6 00	2	32 50
Total	10	\$365 64	10	6	\$324 29	6	\$71 25

XXII. TEXTILES—

3. Bag (burial sack) mfrs.	1	\$14 00	1		1	\$14 00
17. Clothing mfrs.	1	16 00	1		1	16 00
18. Cloak mfrs.	1	10 00	1		1	10 00
47. Knitting mills (no yarn mfrs.)	1	29 00	1		1	29 00
78. Wadding and waste.	1		1	\$24 00	1	5 00

Total

\$49 00

XXV. WAREHOUSES AND STORES—

18. Furniture dealers (store only)	1	\$16 87	1		1	\$16 87
29. Office buildings	1	86 00	1		1	86 00
38. Office—general	1	189 00	1		1	140 00
38. Store—general	1	22 54	1		1	22 54
38. Wholesale stores (not otherwise classified)	1		1		1	
40. Wholesale and retail stores (not otherwise classified)	1	70 00	1	45 00	1	25 00

Total

\$264 00

XXV.A. COAL MERCHANTS, STORAGE COS., SCRAP IRON DEALERS—

6. Hay, straw and feed dealers.	1	\$2 50	1		1	\$2 50
11. Scrap iron dealers.	1	78 57	1		1	24 00
13. Warehouse (general)	1	3 60	1		1	\$3 60

Total

\$86 50

XXVI. WOOD—

1b. Barrel, keg, pail and tub mfrs. (assembling only)	1	\$10 00	1		1	\$10 00
18. Cabinet works	1	2 00	1		1	2 50
22. Furniture mfrs. and finishing	2	15 86	2		2	12 86
32. Last mfrs.	1	299 89	1		1	299 89
54. Screen mfrs. (window or door)	1	43 99	1		1	16 00

Total

\$328 50

Grand Total

\$4,106 58

22

\$80 60

TABLE III—NUMBER OF CLAIMS ALLOWED AND TOTAL AMOUNT AWARDED IN CLAIMS OF EACH DEGREE OF DISABILITY, DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915.

A. FATAL CASES—Claims Against the State Insurance Fund.

Industry Class and Sub-Class.	Grand Total.		Death Benefits.		Compensation in which death was not immediate and in which death benefit was not awarded prior to June 30, 1915.			Medical and Hospital Expenses.		Funeral Expenses.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Cases Allowed.	Amount Awarded.	Number of Cases Allowed.	Amount Awarded.	
I. BAKERS, CONFECTIONERS, ETC.—											
1. Bakers	1	\$3,062 00	1	\$2,911 00			1	\$2 00	1	\$149 00	
6. Ice Cream Mfrs.	1	150 00							1	150 00	
Total	2	\$3,212 00	1	\$2,911 00			1	\$2 00	2	\$299 00	
II. CHEMICALS, PAINTS AND DRUGS—											
6. Paint mfrs. (no lead mfrs.)	1	\$2,735 92	1	\$2,496 00			1	\$97 00	1	\$142 92	
III. COACHES, CARRIAGES AND WAGONS—											
1. Automobile mfrs.	1	\$3,090 00	1	\$3,641 00			1	\$199 00	1	\$150 00	
4. Carriage, coach and wagon mfrs.	1	342 00					1	200 00	1	65 00	
(not railroad car)	1	3,972 29	1	3,744 00	1	\$77 00	1	78 29	1	150 00	
6. Railroad car mfrs. (no steel car) ...											
Total	3	\$6,304 29	2	\$7,385 00	1	\$77 00	3	\$477 29	3	\$365 00	
IV. COAL MINING—											
1. Coal mining	61	\$150,827 25	52	\$141,622 48			40	\$1,453 20	61	\$7,751 57	
V. CONTRACTING —											
1. Additions to, alterations and repair of buildings and plants.....	1	\$1,710 00	1	\$1,500 00					1	\$150 00	
2. Advertising sign, mfrs., erection and repairing only.	1	3,953 00	1	3,945 00					1	150 00	
10. Boat builders, iron, steel or wood.	1	4,004 00	1	3,744 00			1	\$110 00	1	150 00	
13. Bridge building (not otherwise classified)	1	2,466 00	1	2,184 00			1	182 00	1	150 00	

14.	Bridge building—metal	3	4,863 00	2	4,344 00		2	1	48 00	3	401 00
17.	Caisson work (for building and caissons)	1	3,883 00	1	3,744 00					1	146 00
22.	Carpenter construction work from shop (not bridge building)	6	14,452 85	5	13,227 20		6		230 16	6	885 50
23.	Carpenters, interior trim and cab- inet work	12	30,155 15	11	34,056 00		10		400 00	12	1,630 15
24.	Carpenters, masonry, millwrights, machinists, electricians, laborers	1	171 00				1		73 00	1	98 00
25.	Cellar excavation (no caisson work)	1	3,472 72	1	3,329 00		1		1 00	1	142 72
27.	Concrete work—bridge building (no caisson work)	1	153 00				1		3 00	1	150 00
28.	Concrete work—buildings—rein- forced concrete constructions	3	8,552 00	3	8,131 00		1		5 00	3	416 00
31.	Concrete work—foundations for buildings, piers, abutments, retain- ing walls, etc. (not over 20 feet in height)	13	15,916 00	5	14,165 00		4		182 00	13	1,569 00
32.	Contractors—building construction	1	3,748 00	1	3,614 00		1		2 00	1	102 00
36.	Contractors—building construction	1	3,018 40	1	2,890 00					1	138 40
46.	Electrical equipment—installation within buildings (excluding instal- lation of dynamos and equipment in power plants)	1	3,978 00	1	3,744 00		1		84 00	1	150 00
49.	Elevators—erection and repair	1	400 89			1		\$38 29	102 60	1	150 00
53.	Fireproof tiles—construction and repair	1	3,871 00	1	3,744 00					1	127 00
56.	Glaziers (away from shop)	1	2,646 00	1	2,496 00					1	150 00
66.	Iron works structural, erecting	3	8,827 24	3	8,421 00		2		4 00	3	389 24
77.	Masonry work—not otherwise clas- sified	8	16,111 55	5	15,029 00		4		60 00	8	1,022 55
79.	Millwrights—erection and repairing machinery	1	2,841 00	1	2,496 00		1		200 00	1	145 00
80.	Monuments and mausoleums—erect- ing only	2	4,890 00	2	4,040 00		2		20 00	2	190 00
83.	Oil producing	2	7,473 00	2	7,488 00				40 00	2	245 00
85.	Painting and decorating (away from shop)	1	3,931 00	1	3,744 00		1		57 00	1	150 00
86.	Paviors (not otherwise classified)	5	8,327 25	3	7,177 00		3		35 00	5	715 25
87.	Pile drivers	3	5,101 50	2	4,379 00		3		83 00	3	439 50
89.	Railroad construction—electric	1	292 95				1		72 00	1	130 95
98.	Roofers (not otherwise classified)	3	9,168 00	3	8,588 00		3		42 00	3	438 00
100.	Sand and gravel diggers	1	3,584 00	1	3,216 00		1		35 00	1	133 00
101.	Sewer excavating	1	3,892 00	1	3,744 00				148 00	1	148 00
104.	Sewer building—no limit to depths (no quar- rying)	8	14,206 45	6	12,943 00		6		136 00	8	1,127 45
113.	Street and road making (no quar- rying)	1	2,317 75	1	2,194 00		1		6 00	1	127 75
117.	Teaming, grading, etc.	1	3,972 00	1	3,120 00		1		2 00	1	150 00
123.	Tuck pointers	1	2,735 00	1	3,588 00					1	150 00

TABLE III — Continued.
A. FATAL CASES—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-Class.	Grand Total.		Death Benefits.		Compensation in which death was not immediate and in which death benefit was not awarded June 30, 1915.			Medical and Hospital Expenses.		Funeral Expenses.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Cases Allowed.	Amount Awarded.	Number of Cases Allowed.	Amount Awarded.	
V. CONTRACTING — Concluded.											
130. Waterworks—construction of pumping stations, dams and reservoirs...	2	4,491 00	2	4,171 00			2	20 00	2	300 00	
133. Window cleaning	4	8,880 98	3	7,812 48			3	51 50	4	465 00	
135. Wreckers—not marine	3	9,502 50	3	8,798 00			3	377 00	3	889 50	
Total	102	\$237,548 18	78	\$220,968 68	1	\$68 29	70	\$2,812 25	102	\$13,720 96	
VI. ELECTRICAL—											
1. Electric light and power companies, operation, maintenance and extension of lines.....	12	\$28,422 90	11	\$26,411 04			12	\$289 50	12	\$1,722 36	
VII. LEATHER GOODS AND SHOES—											
20. Tanneries	1	\$3,432 80	1	\$3,223 00			1	\$75 00	1	\$134 80	
VIII. LUMBER—											
6. Box mfrs.—wirebound	1	\$2,729 00	1	\$2,599 00			1	\$5 00	1	\$125 00	
13. Lumber yard employees—no mill hazard (commercial yards only).....	2	5,316 53	2	5,051 23			1	17 50	2	247 75	
17. Planing and moulding mills.....	5	17,425 00	5	16,596 00			4	155 00	5	734 00	
18. Sash, door and blind mfrs.....	2	3,838 80	2	3,692 00			2	63 00	2	193 80	
19. Saw mills	8	14,079 44	7	13,131 56			6	186 75	8	761 13	
Total	18	\$43,488 77	17	\$40,999 84			14	\$427 25	18	\$2,061 68	
IX. MEAT PACKING AND STOCK YARDS—											
4. Packing houses (including handling of cattle and slaughtering).....	1	\$3,084 00	1	\$2,930 00			1	\$12 00	1	\$142 00	

TABLE III — Continued.
A. FATAL CASES—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-Class.	Grand Total.		Death Benefits.		Compensation in which death was not immediate and in which death benefit was not awarded prior to June 30, 1915.		Medical and Hospital Expenses.		Funeral Expenses.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Cases Allowed.	Amount Awarded.	Number of Cases Allowed.	Amount Awarded.
XII. MINING (EXCEPT COAL).—										
1. Clay or shale mines.....	2	\$4,699 00	2	\$4,368 00			2	\$56 00	2	\$275 00
XIII. MISCELLANEOUS—										
8. Canned (no can mfrs.).....	1	\$350 00					1	\$200 00	1	\$150 00
22. Fertilizer mfrs.....	1	1,065 00	1	\$948 00			1	2 00	1	105 00
23. Fertilizer mfrs. (no reduction of share on mfrs.).....	1	2,732 00	1	2,577 00			1	5 00	1	150 00
27. Florets—cultivating and gardening.....	1	2,374 15	1	2,184 00			1	50 00	1	140 15
67. Produce dealers.....	1	1,710 00	1	1,560 00					1	150 00
Total.....	5	\$8,221 15	4	\$7,269 00			4	\$257 00	5	\$695 15
XIII-A. SPIRIT MFRS., SPIRIT MERCHANTS, ETC.—										
2. Bottlers (under pressure).....	1	\$201 00					1	\$67 00	1	\$134 00
3. Breweries.....	15	52,324 05	15	\$49,795 40			11	452 00	15	2,176 65
Total.....	16	\$52,525 05	15	\$49,695 40			12	\$519 00	16	\$2,310 65
XIII-B. LAUNDRIES, ICE COMPANIES, GAS WORKS, ETC.—										
4. Gas works.....	1	\$3,904 54	1	\$3,641 04			1	\$13 50	1	\$150 00
5. Ice (artificial) mfrs.....	4	6,289 25	3	5,407 00			4	237 00	4	595 25
7. Ice companies (no harvesting).....	1	76 50					1	5 00	1	71 50
Total.....	6	\$10,120 29	4	\$9,048 04			6	\$255 50	6	\$816 75

XIII-D. DRAYAGE AND TRANSFER COMPANIES—

1. Automobile sales rooms (no garage attached shop).....
2. Drayage and hauling.....
4. Drayage and hauling.....
- 10b. Transfer service (including auto service).....

Total

XIII-E. RAILWAY COMPANIES—

1. Electric railway companies—urban.....
2. Electric railway companies—inter-urban.....
4. Railroad—steam (operation, maintenance and repair of road bed).....

Total

XIV. OILS, ETC.—

1. Condensed milk mfrs.....
13. Dairies.....
20. Oil (crude) petroleum refiners.....

Total

XV. ORE REDUCTION AND CONCENTRATION—

2. Blast furnaces.....
6. Coke burners.....

Total

XVI. PAPER—

3. Box mfrs., folding paper boxes only—no paper making.....
5. Boxes (solid paper) mfrs. of—no paper making.....
6. Card and Bristol board mfrs. (no pulp mill).....
18. Paper mfrs. (all kinds except writing paper—no wood pulp mfg.).....
19. Paper mfg. with wood pulp mfg.....
21. Paper coating and finishing.....

Total

XVII. POTTERY AND GLASS—

1. Bottle mfrs.....
2. Brick mfrs., including clay digging and quarrying.....
8. Glass (plate or window) mfrs.....
19. Porcelain goods mfrs. (electric insulators, etc.).....

1	\$402 00	1						1	\$18 00	1	\$150 00
2	3,978 00	2						2	50 00	2	234 00
1	3,539 80	1						1	57 00	1	150 00
4	\$6,390 80	4						4	\$155 00	4	\$534 00
4	\$13,510 72	4						3	\$76 83	4	\$504 15
7	13,672 30	4						7	439 30	7	978 00
1	1,807 50	1						1	8 00	1	131 50
12	\$28,960 52	9						11	\$524 23	12	\$1,613 65
1	\$3,125 50	1						1	\$75 00	1	\$127 50
2	290 00							2	6 00	2	238 00
1	3,952 30	1						1	82 30	1	126 00
4	\$7,376 80	2						4	\$163 30	4	\$546 50
12	\$29,730 17	10						12	\$337 45	12	\$1,516 00
1	2,361 20	1								1	140 00
13	\$32,141 37	11						12	\$337 45	13	\$1,692 00
1	\$2,933 00	1						1	\$78 00	1	\$150 00
1	3,470 00	1						1	200 00	1	150 00
2	5,663 00	2						2	25 00	2	300 00
1	2,350 45	1						1	16 45	1	150 00
1	3,211 00	1						1	69 00	1	150 00
4	12,437 71	4						4	104 75	4	577 00
10	\$30,065 16	10						10	\$533 20	10	\$1,477 00
2	\$6,399 00	2						2	\$56 00	2	\$300 00
7	11,748 25	4						7	415 00	7	909 25
2	2,978 00	1						2	7 00	2	275 00
1	2,656 00	1						1	10 00	1	150 00

TABLE III — Continued.
A. FATAL CASES—Claims Against the State Insurance Fund—Concluded.

Industry Class and Sub-Class.	Grand Total.		Death Benefits.		Compensation in which death was not immediate and in which death benefit was not awarded prior to June 30, 1915.			Medical and Hospital Expenses.		Funeral Expenses.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Cases Allowed.	Amount Awarded.	Number of Cases Allowed.	Amount Awarded.	
XVII. POTTERY AND GLASS — Concluded.											
21. Potteries (tiling, sewer pipes, etc.)	2	6,820 50	2	6,115 00	.....	.....	1	2 00	2	203 50	
25. Tile mfrs. (for decorative purposes)	1	2,835 90	1	2,184 00	.....	.....	1	2 00	1	149 90	
26. Tile (roof and drainage) mfrs.	1	2,200 40	1	1,872 00	.....	.....	1	200 00	1	128 40	
Total	16	\$34,638 05	12	\$31,830 00	.....	.....	15	\$692 00	16	\$2,116 05	
XVIII. PRINTING —											
1. Electrotypers	1	\$4,094 00	1	\$3,744 00	.....	.....	1	\$249 40	1	\$100 60	
3. Printers	3	3,108 00	1	2,498 00	.....	.....	8	222 00	8	385 00	
Total	4	\$7,197 00	2	\$6,240 00	.....	.....	4	\$471 40	4	\$485 60	
XIX. RUBBER AND COMPOSITION GOODS —											
16. Rubber tire mfrs.	1	\$3,904 00	1	\$3,744 00	.....	.....	1	\$10 00	1	\$150 00	
XXI. STONE —											
3. Cement mfrs. and quarrying	2	\$2,157 25	1	\$1,872 00	.....	.....	.....	.....	2	\$285 25	
11. Lime burners (no quarrying)	4	6,246 20	3	5,368 00	.....	.....	3	\$289 45	4	\$588 75	
13. Plaster mills (no quarrying)	3	2,533 00	1	1,997 00	.....	.....	3	86 00	3	450 00	
21. Quarrying—silica sand and silica sandstone, including crushing and grinding	2	1,662 75	1	1,404 00	.....	.....	.....	.....	2	248 75	
27. Slag, excavation of, and loading on cars	4	6,161 00	3	5,368 00	.....	.....	4	258 00	4	535 00	
30. Slag, excavation of, and loading on cars	1	3,362 00	1	3,064 00	.....	.....	1	158 00	1	150 00	
Total	16	\$22,172 20	10	\$19,063 00	.....	.....	11	\$791 45	16	\$2,297 75	

TABLE III — Continued.
A. FATAL CASES—Claims Against Employers Carrying Self-Insurance Under the State Plan.

Industry Class and Sub-class	Grand Total.		Death Benefits.		Compensation in which death was not immediate and in which death benefit was not awarded prior to June 30, 1915.			Funeral Expenses.	
	Number of Claims in which Awards Were Granted.	Total Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Cases Allowed.		Amount Awarded.
II. CHEMICALS, PAINTS AND DRUGS.....	2	\$6,986 06	2	\$61,654 96			2		\$281 10
III. COACHES, CARRIAGES AND WAGONS.....	1	3,903 15	1	3,744 00			1		159 15
IV. COAL MINING.....	6	10,332 00	4	9,658 00			6		724 00
V. CONTRACTING.....	32	74,948 90	25	71,086 00		\$91 00	28		\$,821 90
VII. ELECTRICAL.....	11	24,842 58	9	22,768 00	1	a 276 00	10		1,793 58
VIII. LUMBER.....	1	3,082 80	1	2,982 80			1		150 00
X. METALS.....	35	89,769 97	31	84,748 43	1	b 221 00	30		4,800 54
XIII. MISCELLANEOUS.....	4	7,146 00	3	6,505 00	1	181 00	3		490 00
XIII-B. LAUNDRIES, ICE COMPANIES, GAS WORKS, ETC.....									
XIII-E. RAILWAY COMPANIES.....	1	2,646 00	1	2,496 00			1		150 00
XIV. OILS, ETC.....	11	30,535 28	11	29,329 00			8		1,206 28
XV. ORE REDUCTION AND CONCENTRATION.....	1	4,216 65	1	3,750 00			1		466 65
XVI. POTTERY AND GLASS.....	17	49,626 50	16	47,528 36			16		2,088 14
XVII. RUBBER AND COMPOSITION GOODS.....	1	2,122 72		2,000 72			1		122 00
XX. STEVEDORING.....	1	3,892 90		3,744 00			1		148 00
XXI. STONE.....	3	4,592 90	3	4,326 00			2		264 90
XXII. TOBACCO.....	6	7,572 90	4	7,141 40			3		431 50
XXIII. VESSELS.....	1	3,292 00	1	3,142 00			1		150 00
XXIV. WAREHOUSES AND STORES.....	1	3,894 00	1	3,744 00			1		150 00
XXV.	2	2,687 50	2	2,408 00			2		219 50
Total	136	\$336,090 00	118	\$317,718 67	4	\$769 00	c 118		\$17,602 33

a The company paid a board bill which the deceased owed, although under the law, it was not compelled to make any payment as deceased left no dependents.

b The company paid administrator in order to have suit for damages dropped, though it was not liable because deceased left no dependents.

c Eighteen funeral bills were paid by the respective companies, but the amounts were not stated in final reports.

TABLE III — Continued.
A. FATAL CASES—Claims of Public Employees.

Industry Class and Sub-Class.	Grand Total.		Death Benefits.		Compensation in which death was not immediate and in which death benefit was not awarded prior to June 30, 1915.			Medical and Hospital Expenses.		Funeral Expenses.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Cases Allowed.	Amount Awarded.	Number of Cases Allowed.	Amount Awarded.	Number of Cases Allowed.
Public employees	25	\$83,488 40	18	\$49,856 00	2	\$301 00	20	\$623 50	25	\$3,212 90	

A. FATAL CASES—Claims Arising Under Section 27 of the Workman's Compensation Act.

Section 27.....	26	\$71,799 08	26	\$68,017 96	.....	.....	17	\$766 00	25	\$3,015 07
Grand Total (all classes of Insurance).....	616	\$1,486,074 61	508	\$1,385,131 31	10	\$1,715 29	377	\$17,368 92	597	\$81,859 09

TABLE III—NUMBER OF ACCIDENT CLAIMS ALLOWED AND TOTAL AMOUNT AWARDED IN CLAIMS OF EACH DEGREE OF DISABILITY, DURING THE EIGHTEEN MONTHS, ENDING JUNE 30, 1915.

[Accidents resulting in Permanent Total Disability are compensated for life but the amount shown in the following table includes only that which has been paid up to June 30, 1915.]

B. PERMANENT TOTAL DISABILITY—Claims Against the State Insurance Fund.

Industry Class and Sub-Class.	Grand Total		Compensation.		Medical and Hospital Expenses.	
	Number of Claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
IV. COAL MINING—						
1. Coal mining.....	3	\$1,979 92	3	\$1,547 92	3	\$432 00
V. CONTRACTING—						
27. Concrete work—bridge building—no caisson work.....	1	\$505 50	1	\$305 50	1	\$200 00
31. Concrete work—foundations for buildings, piers, abutments, retaining walls, etc., over 20 feet in height from footing (excluding tunnels, subways or caissons)	1	532 43	1	471 43	1	61 00
Total	2	\$1,087 93	2	\$776 93	2	\$261 00
VIII. LUMBER—						
4. Box mfrs.—steam...	1	\$629 45	1	\$502 45	1	\$127 00
X. METALS—						
142. Steel freight cars, pressed steel trucks, frame and bolster manufacturers	2	\$15,125 31	2	\$14,967 81	2	\$257 50
XVII. POTTERY AND GLASS—						
2. Brick mfrs. (including clay digging and quarrying).....	1	\$397 35	1	\$245 35	1	\$152 00
XXI. STONE—						
35. Stone crushers (no quarrying)	1	\$554 29	1	\$354 29	1	\$200 00
XXV. WAREHOUSES AND STORES—						
39. Wholesale stores (not otherwise classified)...	1	\$1,750 61	1	\$1,550 61	1	\$200 00
Total state insurance insurance	11	\$21,474 86	11	\$19,845 36	11	\$1,629 50

(a) Lump sum award.

TABLE III — Continued.

B. PERMANENT TOTAL DISABILITY—Claims Against Employers Carrying Self-Insurance Under the State Plan.

Industry Class and Sub-Class.	Compensation.	
	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.
IV. COAL MINING	1	\$48 00
X. METALS	1	787 29
XV. ORE REDUCTION AND CONCENTRATION.....	2	1,081 59
XIX. RUBBER AND COMPOSITION GOODS.....	1	214,000 00
Total Self Insured.....	5	\$15,896 89

(a) Lump Sum Award.

TABLE III — Continued.

B. PERMANENT TOTAL DISABILITY—Claims Arising Under Section 27 of the Workmen's Compensation Act.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of Claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
Section 27	2	\$7,469 58	2	\$7,004 58	2	\$375 00
Grand total (all classes of Insurance)	18	\$44,841 32	18	\$42,836 82	18	\$2,004 60

(a) Lump sum award; settlement made between parties with consent of Commission.

TABLE III—Continued.

C. PERMANENT PARTIAL DISABILITY—Claims Against the State Insurance Fund.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of Claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
I. BAKERS, CONFECTIONERS, ETC.—						
1. Bakers	18	\$7,107 50	18	\$6,152 00	18	\$955 50
3. Candy mfrs.	3	564 00	3	434 00	3	130 00
6. Ice cream mfrs.	2	797 40	2	688 40	2	104 00
8. Macaroni mfrs.	4	1,165 10	4	1,035 10	4	130 00
Total	27	\$9,634 00	27	\$8,314 50	27	\$1,319 50
II. CHEMICALS, PAINTS AND DRUGS—						
1. Chemical mfrs.	1	\$122 00	1	\$103 00	1	\$19 00
2. Drug mfrs.	1	499 00	1	459 00	1	40 00
3. Hydrogen and oxygen mfrs.	4	5,163 00	4	4,616 00	3	547 00
4. Lead mfrs. (red and white)	1	583 00	1	455 00	1	128 00
5. Paint mfrs. (no lead mfrs.)	2	176 33	2	146 33	2	30 00
6. Soda ash mfrs.	1	225 00	1	180 00	1	45 00
Total	10	\$6,768 33	10	\$5,959 33	9	\$809 00
III. COACHES, CARRIAGES AND WAGONS—						
1. Automobile mfrs.	36	\$15,031 36	36	\$13,692 46	34	\$1,338 90
3. Baby carriage mfrs.	11	3,615 00	11	3,231 00	11	384 00
4. Carriage, coach and wagon mfrs. (not including manufacturing of railroad cars)	10	3,874 50	10	3,554 00	9	320 50
5. Carriage, coach and wagon mfrs. (assembling of manufactured parts only)	5	1,334 49	5	1,278 49	3	56 00
6. Railroad car mfrs. (no steel work)	17	8,603 86	17	7,450 86	15	1,153 00
7. Wheel (wood) mfrs.	4	689 50	4	606 00	4	81 50
8. Wood work (coach, carriage, wagon and automobile) mfrs.	2	629 00	2	605 00	2	24 00
Total	85	\$38,777 71	85	\$30,419 81	78	\$3,357 90
VI. COAL MINING—						
1. Coal mining	82	\$38,228 44	81	\$34,587 93	81	\$3,640 51
V. CONTRACTING—						
10. Boat building (iron, steel or wood, including shop and yard work)	1	\$997 00	1	\$834 00	1	\$163 00
12. Boilers (steam) — installation of and construction of necessary concrete or masonry foundations.	2	928 75	2	813 00	2	115 75
14. Bridge building (metal)	3	811 00	3	673 00	3	138 00
22. Carpenters — construction away from shop (not bridge building)	7	4,067 67	7	3,785 20	5	282 47
23. Carpenters — interior trim and cabinet work	15	9,352 14	15	8,398 14	15	954 00

TABLE III—Continued.

C. PERMANENT PARTIAL DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of Claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
V. CONTRACTING — Continued.						
24. Carpenters, masons, millwrights, machinists, electricians, laborers	4	891 00	4	763 00	4	128 00
25. Cellar excavation (no caisson or subaqueous work).....	2	124 00	2	88 00	2	36 00
27. Concrete work—bridge building—no caisson work.....	3	1,755 14	3	1,661 14	2	94 00
28. Concrete work—buildings—reinforced concrete construction	6	2,841 25	6	2,700 00	5	141 25
29. Concrete work—buildings—without reinforcements...	3	914 00	3	860 00	3	64 00
30. Concrete work—floors and pavements.	1	815 00	1	810 00	1	5 00
31. Concrete work—foundations for buildings, piers, abutments, retaining walls, etc., over 20 feet in height from footing (excluding tunnels, subways or caissons)	4	2,396 67	4	2,006 67	4	391 00
32. Contractors—building construction—private residences, etc.	6	3,025 45	6	3,242 00	5	383 45
33. Contractors—building construction—neither concrete nor structural iron.....	1	443 00	1	420 00	1	23 00
46. Electrical equipment—installation within buildings (excluding installation of dynamos and equipment in power plants).....	1	85 00	1	80 00	1	5 00
49. Elevators—erection and repair	3	527 00	3	454 00	3	73 00
56. Gas machines—acetylene—installation in country residences, churches, factories	1	1,325 00	1	1,305 00	1	20 00
66. Iron work—structural, erecting.....	6	1,418 50	6	1,112 00	6	306 50
77. Masonry work (not otherwise classified).	16	7,320 86	16	6,591 57	16	729 29
79. Millwrights—erecting and repairing machinery	1	1 068 00	1	900 00	1	168 00
83. Oil producing.....	6	3,124 00	6	2,848 00	5	276 00
85. Painting and decorating (away from shop)	2	792 00	2	675 00	2	107 00
86. Paviers (not otherwise classified).....	7	2,515 00	7	1,982 00	7	533 00
87. Pile drivers.....	2	1,997 57	2	1,860 00	2	137 57

TABLE III—Continued.

C. PERMANENT PARTIAL DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of Claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
V. CONTRACTING — Concluded.						
98. Railroad construction—steam	1	93 00	1	66 00	1	33 00
98. Roofers (not otherwise classified).....	3	977 00	3	747 00	2	230 00
100. Sand and gravel diggers	4	1,571 00	4	1,403 00	4	168 00
101. Sand excavating.....	1	1,450 00	1	1,323 00	1	127 00
104a. Sewer building—no limit to depth.....	8	4,460 00	8	4,199 00	8	261 00
113. Street and road making (no quarrying)	10	7,153 80	10	6,549 00	10	604 80
117. Teaming, grading, etc.	8	1,915 00	8	1,603 00	7	312 00
130. Waterworks — construction of pumping stations, dams and reservoirs	4	1,711 00	4	1,476 00	4	235 00
131. Waterworks — laying of mains and connections	2	1,963 00	2	1,833 00	1	130 00
135. Wreckers — not marine	1	1,061 00	1	1,044 00	1	17 00
Total	145	\$72,485 80	145	\$66,103 72	136	\$7,382 08
VI. ELECTRICAL —						
1. Electric light and power companies—operation, maintenance and extension of lines.....	3	\$2,806 60	3	\$2,490 00	3	\$318 60
2. Electric light and power companies—office employees not exposed to hazard....	1	612 00	1	506 00	1	107 00
Total	4	\$3,420 60	4	\$2,996 00	4	\$425 60
VII. LEATHER GOODS AND SHOES —						
1. Bag mfrs.....	1	\$49 47	1	\$44 47	1	\$5 00
2. Baseball mfrs.....	1	962 01	1	764 51	1	197 50
4. Curriers	1	207 00	1	175 00	1	32 00
7. Glove mfrs. — leather	2	725 25	2	673 25	2	52 00
9. Harness and saddle mfrs.	9	1,948 94	9	1,764 29	8	184 65
17. Shoe and boot mfrs.	20	5,489 03	19	4,698 93	20	790 10
20. Tanners	1	275 00	1	240 00	1	35 00
Total	35	\$9,656 70	34	\$8,360 45	34	\$1,296 25
VIII. LUMBER —						
4. Box mfrs. — steam....	8	\$2,921 35	8	\$2,719 00	7	\$202 35
5. Box mfrs. — cigar....	1	919 00	1	900 00	1	19 00
7. Cooperage stock mfrs. — heads, hoops, staves, etc.	5	1,763 33	5	1,636 33	5	127 00
13. Lumber yard employees (commercial yards only) no mill hazard	8	2,917 00	8	2,558 00	6	359 00
16. Packing case mfrs. — no machinery.....	1	1,188 00	1	1,100 00	1	88 00

TABLE III—Continued.

C. PERMANENT PARTIAL DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of Claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
VIII. LUMBER — Concluded.						
17. Planing and moulding machines.....	66	32,269 92	66	29,997 92	64	2,272 00
18. Sash door and blind mfrs.	5	1,806 60	5	1,662 95	5	123 65
19. Saw mills.....	23	8,723 87	23	7,819 87	23	904 00
Total	117	\$52,509 07	117	\$48,414 07	112	\$4,095 00
IX. MEAT PACKING AND STOCK YARDS —						
3. Packing houses (no handling of live stock or slaughtering.	1	\$58 00	1	\$44 00	1	\$14 00
4. Packing houses (including handling of cattle and slaughtering)	14	4,941 04	14	3,870 90	14	1,070 14
9. Stock yards with railroad entry.....	1	109 00	1	100 00	1	9 00
Total	16	\$5,108 04	16	\$4,014 90	16	\$1,093 14
X. METALS —						
4. Agricultural implements mfrs.....	23	\$8,173 81	23	\$7,335 31	23	\$843 00
6. Aluminium ware mfrs. (no rolling mill or smelting operations).	1	185 00	1	163 00	1	22 00
18. Bicycle and bicycle parts mfrs. (including assembling of parts)	2	1,220 55	2	1,020 00	2	200 55
21. Boilermakers	4	3,063 00	4	2,652 00	4	411 00
22. Bolt and nut mfrs. (hot work).....	24	7,188 80	24	6,384 29	23	804 51
23. Brass good mfrs....	7	3,117 67	7	2,936 67	6	181 00
24. Brass foundry.....	3	598 00	3	506 00	2	58 00
25. Bridge works.....	7	2,356 90	7	1,957 90	6	396 00
26. Can mfrs.....	14	4,015 13	14	3,617 13	14	396 00
35. Chain mfrs.....	2	1,414 00	2	1,200 00	2	214 00
38. Coffin and casket (metal) mfrs.....	3	1,317 60	3	1,124 90	3	192 70
39. Copper and zinc goods, mfrs. of (no rolling mills, no smelting)	1	135 00	1	120 00	1	15 00
40. Coppersmiths (shop only)	1	134 00	1	100 00	1	34 00
42. Cutlery mfrs.....	5	1,837 00	5	1,553 00	5	284 00
44. Drop forging works (not hardware).....	8	2,730 64	8	2,445 14	8	285 50
45. Electric apparatus mfrs.	21	4,881 60	20	4,477 60	20	404 00
46. Electric crane mfrs..	3	1,544 06	3	1,263 91	2	280 15
47. Elevator mfrs. (shop only)	2	223 43	2	207 43	2	16 00
48. Enamel and agate ware mfrs.....	18	8,943 15	18	8,440 50	18	502 65
50. Fenders and fire iron mfrs.....	2	961 00	2	750 00	2	211 00
52. Fire engine mfrs.....	1	162 00	1	144 00	1	18 00
53. Fireproof equipment mfrs.	18	9,625 43	18	8,875 88	17	749 55
56. Foundry, iron.....	24	14,789 75	24	13,364 25	24	1,425 50

TABLE III—Continued.

C. PERMANENT PARTIAL DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of Claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
X. METALS—Continued.						
57. Foundry, steel castings	8	3,471 50	8	2,972 00	8	499 50
59. Forging work—steam	23	9,360 96	23	8,597 63	21	762 73
60. Furnace mfrs., house heaters	3	2,587 00	3	2,250 00	3	337 00
62. Garden tool mfrs.	6	2,888 50	6	2,454 40	6	434 10
63. Gas or gasoline engine mfrs.	3	1,775 83	3	1,678 33	3	97 50
64. Gas engine ignition apparatus mfrs.	1	540 00	1	520 00	1	20 00
65. Gas fixture mfrs.	2	1,036 79	2	838 29	2	198 50
66. Gas holder mfrs. (shop only)	3	1,258 00	3	1,100 00	3	158 00
71. Hardware (builders) mfrs.	3	635 00	3	569 00	3	66 00
72. Hardware (carriage) mfrs.	27	7,868 27	27	6,784 87	17	1,083 40
76. Iron and steel works—shop fabricating and assembling structural iron and steel	9	4,783 00	9	4,323 00	8	460 00
77. Iron and steel works—shop fabricating, assembling, and manufacturing, railings, balconies, fire escapes	10	3,235 00	10	3,012 00	10	223 00
79. Jewelry mfrs.	1	1,081 80	1	1,000 00	1	81 80
81. Lamp and lantern mfrs.	23	6,683 23	23	6,216 73	19	466 50
85. Locomotive works.	9	6,372 10	9	5,789 00	9	583 10
88. Machine shops—no foundry	73	31,325 84	73	28,916 69	33	2,410 15
89. Machine shops—with foundry	83	48,251 68	83	39,244 02	78	4,007 66
91. Malleable iron works.	5	2,130 98	5	1,509 12	5	621 86
94. Metal ceiling mfrs.	1	223 00	1	200 00	1	23 00
95. Metal goods mfrs.	40	12,777 07	40	11,578 37	37	1,198 70
96. Mining and milling machinery mfrs.	3	630 00	3	544 00	3	86 00
97. Mine car and contractors' equipment mfrs.	5	2,181 83	5	1,822 33	5	369 50
107. Pipe (cast iron) mfrs.	2	169 00	2	125 00	2	44 00
108. Plumbers' supplies—mfrs. of.	3	1,663 00	3	1,548 00	3	115 00
112. Pump mfrs.	8	2,518 00	8	2,111 00	7	407 00
115. Razor mfrs.	1	104 00	1	93 00	1	11 00
116. Road roller mfrs.	1	934 00	1	777 00	1	157 00
118. Rolling Mills (no rod mill)	2	600 40	2	566 40	2	34 00
120. Rolling mills—rolling of metal pieces and sheets, only, including dipping for galvanizing purposes.	25	13,260 27	25	11,921 17	25	1,339 10
121. Rolling mills—rolling of bars only.	8	6,074 40	8	5,419 40	8	665 00
122. Rolling tin andterne plate from tin plate, bars, including dipping	4	1,855 00	4	1,592 00	4	263 00
123. Sad iron mfrs. (flat-iron)	3	633 32	3	574 92	3	58 50

TABLE III—Continued.

C. PERMANENT PARTIAL DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of Claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
X. METALS—Concluded.						
124. Safe mfrs.	5	2,075 64	5	1,878 64	5	197 00
125. Saw mfrs.	3	568 43	3	478 43	2	90 00
126. Scale mfrs.	2	257 00	2	227 00	2	20 00
127. Screw mfrs. (cold cut)	7	2,513 20	7	2,191 00	7	322 20
129. Sewing machine mfrs.	3	388 00	3	342 00	3	46 00
130. Sheet metal workers.	54	16,862 39	54	15,812 84	51	1,549 55
131. Silverware mfrs.	1	614 00	1	567 00	1	47 00
136. Spring mfrs. (not railroad car springs).	5	1,214 19	5	1,082 19	3	132 00
138. Stamping (tin and metal works)	13	2,642 00	13	2,416 00	12	226 00
141. Steam shovel, dredge and ballast loader mfrs.	7	2,533 80	7	2,384 80	6	149 00
142. Steel freight cars, pressed steel truck frame and bolster mfrs.	18	10,606 12	18	9,354 12	17	1,254 00
143. Steel works—open hearth, bessemer and crucible, casting ingots and puddling or blooming mill operations	15	6,743 44	15	6,220 99	15	522 45
147. Stove mfrs. (not sheet iron)	10	2,512 33	10	2,256 33	10	256 00
148. Stove mfrs. (sheet iron)	11	3,363 58	11	2,901 58	11	462 00
152. Tank builders (shop work only)	5	1,966 00	5	1,807 00	5	159 00
153. Telegraph and telephone apparatus mfrs.	1	421 00	1	400 00	1	21 00
157. Tinsmiths (in shop) ..	1	127 00	1	117 00	1	10 00
158. Tool mfrs.	9	1,167 17	9	1,051 02	6	116 15
159. Toy (metal) mfrs.	2	342 00	2	304 00	2	38 00
160. Tube (metal) mfrs.	2	1,493 50	2	1,270 00	2	213 50
164. Watch mfrs.	1	426 00	1	380 00	1	46 00
165. Watch case mfrs.	1	115 50	1	100 00	1	15 50
Total	768	\$311,391 48	767	\$280,339 42	683	\$31,052 06
XI. MILLING—						
1. Milling, general.	8	\$3,225 00	8	\$3,012 00	7	\$213 00
2. Grain elevators	1	171 63	1	155 63	1	16 00
Total	9	\$3,396 63	9	\$3,167 63	8	\$229 00
XII. MINING (EXCEPT COAL)—						
1. Clay or shale mines. .	1	\$58 33	1	\$58 33	1	\$10 00
XIII. MISCELLANEOUS—						
1. Advertising novelties and signs (not metal) ..	4	\$1,701 17	4	\$1,560 02	4	\$141 15
2. Advertising signs of board, tin and cloth, and advertising novelties mfrs.	1	91 00	1	73 00	1	18 00
3. Asbestos goods mfrs.	3	1,117 50	3	873 00	3	239 50
4. Asphalt works (shop and yard only)	1	840 00	1	817 00	1	23 00
5. Beet sugar mfrs.	1	1,164 00	1	1,120 00	1	44 00
8. Canneries (no can mfg.)	4	674 00	4	589 00	4	85 00

TABLE III—Continued.

C. PERMANENT PARTIAL DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
XIII. MISCELLANEOUS — Concluded.						
11. Carpet cleaning or beating works	1	104 00	1	80 00	1	24 00
12. Coffee roasters and grinders	1	981 00	1	900 00	1	131 00
13. Cordage mfrs.	1	284 00	1	245 00	1	39 00
16. Crayon mfrs.	2	131 00	2	101 00	2	30 00
20. Dyers and cleaners..	1	289 00	1	200 00	1	89 00
22. Farm laborers	2	980 00	2	908 00	2	72 00
23. Fertilizer mfrs (no reduction of garbage or offal).....	1	184 00	1	120 00	1	64 00
26. Fishing tackle mfrs.	1	1,110 00	1	1,000 00	1	110 00
23. Nickel platers and finishers	2	2,787 95	2	2,638 45	2	134 50
64. Nurserymen	1	459 00	1	269 00	1	200 00
69. Salt mfrs. (not mining or sinking wells)..	1	734 00	1	640 00	1	94 00
72. Spice mills	1	171 00	1	150 00	1	21 00
Total	29	\$13,732 62	29	\$12,173 47	29	\$1,559 15
XIII-A. SPIRIT MFRS., SPIRIT MERCHANTS, ETC. —						
3. Breweries	25	\$16,279 60	25	\$14,333 00	24	\$1,946 60
6. Distilling	1	1,181 07	1	1,000 00	1	181 07
8. Malt houses	2	426 00	2	331 00	2	95 00
10. Restaurants (with bar)	2	691 00	2	560 00	2	131 00
12. Wine and spirit merchants (no bar on premises)	1	874 00	1	800 00	1	74 00
Total	31	\$19,461 67	31	\$17,024 00	30	\$2,427 67
XIII-B. LAUNDRIES, ICE COMPANIES, GAS WORKS, ETC. —						
3. Garbage works	3	\$830 00	3	\$695 00	3	\$135 00
5. Ice (artificial) mfrs.	11	4,223 12	11	3,669 12	11	554 00
8. Laundries	3	745 00	3	601 00	3	144 00
Total	17	\$5,798 12	17	\$4,965 12	17	\$833 00
XIII-D. DRAYAGE AND TRANSFER COMPANIES, ETC. —						
2. Automobile garage, including sales room and repair, drivers of cars, demonstrations, etc.	1	\$92 00	1	\$90 00	1	\$12 00
4a. Drayage and hauling — household goods	3	1,398 50	3	1,173 00	3	225 50
10b. Transfer companies (including auto service)	9	3,359 27	9	2,802 22	7	557 05
Total	13	\$4,849 77	13	\$4,065 22	11	\$704 55

TABLE III — Continued.

C. PERMANENT PARTIAL DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
XIII-E. RAILWAY COMPANIES						
1. Electric railway companies (urban)	4	\$2,699 15	4	\$2,372 15	4	\$327 00
2. Electric railway companies (interurban) ..	3	1,304 23	3	1,077 43	3	236 80
4. Railroad — steam (operation, maintenance and repair of road bed)	1	1,325 00	1	1,125 00	1	200 00
Total	8	\$5,328 38	8	\$4,574 58	8	\$753 80
XIV. OILS, ETC. —						
8. Condensed milk mfrs.	2	\$430 00	2	\$380 00	2	\$50 00
13. Dairies	4	1,829 13	4	1,686 33	4	142 80
14. Gasoline mfrs. (no crude oil refining) ..	1	763 00	1	700 00	1	63 00
20. Oil (crude) petroleum refineries	5	2,134 00	5	1,965 00	5	169 00
24. Soap and soapine mfrs.	12	3,016 46	12	2,223 92	12	792 54
Total	24	\$8,172 59	24	\$6,955 25	24	\$1,217 34
XV. ORE REDUCTION AND CONCENTRATION —						
2. Blast furnaces	19	\$9,658 57	19	\$8,586 97	19	\$1,071 60
6. Coke burners	1	1,126 00	1	1,050 00	1	76 00
Total	20	\$10,784 57	20	\$9,636 97	20	\$1,147 60
XVI. PAPER —						
1. Bag mfrs. — paper only—no paper making	2	\$1,812 50	2	\$1,550 00	2	\$262 50
2. Bag mfrs. — paper only with paper making	2	284 00	2	224 00	2	60 00
3. Box mfrs. — folding paper boxes only—no paper making....	7	2,125 50	7	1,869 00	7	256 50
5. Boxes (solid paper) mfrs. of—no paper making	6	808 67	6	671 67	6	137 00
8. Card and bristol board mfrs. (no pulp mill)	5	1,297 50	5	1,132 00	5	165 50
11. Envelope mfrs. (no paper mfrs.)	4	863 58	4	291 38	4	72 25
18. Paper mfrs. (all kinds except writing paper — no wood pulp mfg.)	8	2,412 00	8	2,188 00	8	224 00
21. Paper coating and finishing	10	5,337 97	10	4,959 67	10	678 80
24. Playing card mfrs.—no paper or card board making	1	481 00	1	400 00	1	81 00
29. Stationery mfrs.—no paper making	1	502 00	1	480 00	1	22 00
30. Straw board mfrs....	2	683 10	2	500 00	2	133 00
31. Tag, check or label mfrs.—paper or card board only—no paper making	1	198 00	1	175 00	1	23 00
Total	49	\$16,205 82	49	\$14,140 77	49	\$2,065 05

TABLE III—Continued.

C. PERMANENT PARTIAL DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
XVII. POTTERY AND GLASS—						
1. Bottle mfrs.	5	\$3,259 00	5	\$3,006 00	5	\$253 00
2. Brick mfrs. (including clay digging and quarrying)	34	14,524 48	34	12,967 98	31	1,656 50
3. Cathedral and art glass window mfrs.	1	154 00	1	150 00	1	4 00
7. Fire clay products mfrs.	1	228 50	1	210 00	1	18 50
8. Glass (plate or window) mfrs.	5	5,484 68	5	5,039 68	5	445 00
9. Glass mfrs. (no plate or window glass mfg.)	6	2,706 33	6	2,540 83	6	255 50
19. Porcelain goods, mfrs. of electric insulators, etc.)	2	550 00	2	509 00	2	41 00
20. Potteries—flower pots, art and household utensils only....	4	1,728 46	4	1,541 96	4	186 56
21. Potteries (tiling, sewer pipes, etc.)....	6	2,068 50	6	2,410 00	6	258 50
22. Potteries (general or sanitary goods....	1	76 00	1	70 00	1	6 00
24. Terra cotta mfrs. (no underground mining)	2	500 00	2	559 00	2	31 00
26. Tile (roof and drainage) mfrs.	1	1,000 00	1	1,000 00		
Total	68	\$38,059 95	68	\$29,904 45	64	\$3,155 50
XVIII. PRINTING—						
1. Electrotypers	6	\$1,593 00	6	\$1,427 50	6	\$165 50
2. Newspaper offices....	6	1,941 19	6	1,717 34	6	223 85
3. Printers	18	5,217 63	18	4,613 13	18	604 50
Total	30	\$8,751 82	30	\$7,767 97	30	\$993 85
XIX. RUBBER AND COMPOSITION GOODS—						
12. Rubber mfrs.	34	\$18,075 95	34	\$16,904 05	15	\$1,171 90
16. Rubber tire mfrs....	17	4,579 05	17	3,794 50	16	784 55
Total	51	\$22,655 00	51	\$20,698 55	31	\$1,956 45
XX. STEVEDORING—						
7. Stevedores and lumpers—river and sound lumpers	1	\$652 00	1	\$720 00	1	\$132 00
XXI. STONE—						
3. Cement mfrs. and quarrying	4	\$2,881 75	4	\$2,773 00	4	\$56 75
6. Emery wheel mfrs....	1	81 00	1	61 00	1	20 00
11. Lime burners (no quarrying)	1	1,200 00	1	1,000 00	1	200 00
13. Lime quarries	16	8,066 01	16	7,217 86	14	848 15
17. Marble cutters and polishers (no quarrying)	4	2,537 00	4	2,337 00	4	200 00
21. Plaster mills (no quarrying)	3	2,219 00	3	1,973 00	3	246 00
27. Quarrying—silica sand and silica sandstone— including crushing and grinding	8	2,091 18	8	2,737 66	8	253 50

TABLE III—Continued.

C. PERMANENT PARTIAL DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of Claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
XXI. STONE—Concluded.						
29. Silica grinding (no quarrying)	2	1,992 00	2	1,792 00	1	200 00
30. Slag, excavation of, and loading on cars.	2	909 00	2	875 00	2	94 00
36. Stone yard (no quarrying)	2	632 00	2	555 00	2	77 00
Total	48	\$23,518 94	43	\$21,321 54	40	\$2,197 40
XXII. TEXTILE—						
3. Bag (burlap sacking) mfrs.	1	\$98 00	1	\$80 00	1	\$36 00
37. Glove and mitten (silk, woolen and thread mfrs.)	1	658 00	1	640 00	1	18 00
42. Horse blanket mfrs.	2	354 00	2	319 00	2	35 00
52. Mattress mfrs. (no spring or wire work or excelsior mfrs.) ..	1	80 20	1	66 70	1	13 50
70. Suspender mfrs.	1	96 00	1	50 00	1	46 00
72. Textile mfrs.—cotton and woolen mfrs. excluding shoddy mfrs.	1	78 00	1	50 00	1	28 00
79. Wadding and waste.	1	233 45	1	223 45		
83. Wool extract mfrs. (chemical separation of wool from cotton)	1	765 00	1	665 00	1	100 00
85. Wool weavers (excluding shoddy mfrs.)	8	3,385 35	8	3,053 40	7	231 95
Total	17	\$5,006 00	17	\$5,137 55	15	\$569 45
XXIII. TOBACCO—						
2. Tobacco (chewing, smoking, plug and fincut) mfrs.	1	\$96 00	1	\$86 00	1	\$9 00
XXV. WAREHOUSES AND STORES—						
4. Asylums	1	\$2,202 00	1	\$2,154 00	1	\$48 00
9. Butchers — meat or provision stores	1	1,177 75	1	1,080 00	1	117 75
16. Department stores	4	1,751 00	4	1,626 00	4	125 00
18. Furniture dealers (store only)	1	452 00	1	333 00	1	119 00
19. Glass merchants (including bending, grinding, beveling, silvering, etc.)	3	1,566 00	3	1,380 00	3	186 00
20. Hardware stores (not machinery dealers) ..	1	479 00	1	434 00	1	45 00
22. Hospitals	2	528 00	2	470 00	2	58 00
24. Hotels (excluding laundry)	6	1,117 40	6	958 40	5	159 00
26. Marketmen	2	599 00	2	540 00	2	59 00
29. Office buildings	2	1,558 00	2	1,437 00	2	121 00
34. Restaurants	4	386 32	4	298 32	4	88 00
35. Retail stores (not otherwise classified) ..	5	697 00	5	610 00	5	87 00
36. Stores (general)	1	195 03	1	171 03	1	24 00
37. Theatre and exposition building employees	2	2,955 00	2	2,692 00	2	263 00
38. Tobacco rehandlers.	1	77 00	1	53 00	1	24 00

TABLE III — Continued.

C. PERMANENT PARTIAL DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of Claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
XXV. WAREHOUSES AND STORES — Concluded.						
39. Wholesale stores (not otherwise classified)	5	3,060 00	5	2,693 00	5	367 00
40. Wholesale and retail stores (not otherwise classified) ..	2	361 63	2	342 63	2	19 00
43. Y. M. C. A. and Y. W. C. A. institutions ..	2	592 00	2	556 00	1	36 00
Total	45	\$19,723 13	46	\$17,808 88	43	\$1,914 25
XXV-A. COAL MERCHANTS, STORAGE COMPANIES, SCRAP IRON DEALERS, ETC. —						
1. Agricultural implement stores	3	\$577 00	3	\$550 00	2	\$27 00
5. Coal merchants (receiving or shipping by land, but not by water)	3	411 00	2	347 00	3	64 00
6. Hay, straw and feed dealers	1	299 00	1	270 00	1	29 00
8. Rag and paper stock dealers	1	243 00	1	200 00	1	43 00
11. Scrap iron dealers ..	16	4,188 56	16	3,656 76	16	531 80
12. Storage (general) ..	4	1,141 00	4	998 00	4	143 00
13. Warehouse (general) ..	4	2,155 00	4	1,918 00	4	237 00
Total	32	\$9,014 56	31	\$7,939 76	31	\$1,074 80
XXVI. WOOD —						
1a. Barrel, keg, pail and tub mfrs. (making head staves, etc.) ..	4	\$1,376 50	4	\$1,289 00	4	\$86 50
1b. Barrel, keg, pail and tub mfrs.—assembling only	6	1,565 03	6	1,393 88	6	171 15
2. Basket mfrs.	3	1,454 00	3	1,359 00	3	95 00
4. Bee hive mfrs.	1	90 00	1	82 00	1	8 00
6. Bent wood mfrs.	3	746 50	3	670 00	3	76 50
13. Cabinet works	4	1,990 50	4	1,829 00	3	161 50
17. Chair mfrs.	3	661 00	3	511 00	1	150 00
18. Coffin and casket (wood) mfrs.	5	1,617 51	5	1,516 56	4	100 95
22. Furniture mfrs. and finishing	35	13,080 91	35	12,583 91	22	547 00
24. Golf club mfrs.	1	48 00	1	30 00	1	18 00
35. Mantel (wood) mfrs. (shop only)	2	359 00	2	340 00	2	19 00
37. Match mfrs. (excluding lumber and saw mill preparations) ..	6	1,752 73	6	1,404 90	6	347 83
40. Organ, pipe or church, builders	1	73 00	1	73 00		
42. Pattern and model (wood) mfrs.	3	287 87	3	254 37	3	33 50
44. Piano mfrs.—including the setting up at the place of delivery	2	736 00	2	621 00	2	15 00
54. Screen mfrs. (window or door)	4	1,168 83	4	1,101 83	4	61 50

TABLE III — Continued.

C. PERMANENT PARTIAL DISABILITY—Claims Against the State Insurance Fund—Concluded.

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of Claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
XXVI. WOOD — Concluded.						
55. Shade roller mfrs. (including assembling)	1	436 00	1	420 00	1	16 00
56. Showcase mfrs.	1	107 00	1	90 00	1	17 00
59. Toy (wood) mfrs.	4	839 00	4	725 00	4	114 00
61. Veneer package mfrs. (fruit and vegetable baskets, butter dishes, etc., made from veneer)	1	312 00	1	280 00	1	32 00
64. Washing machine and clothes wringer mfrs.	2	255 00	2	214 50	2	40 50
66. Wheel-barrow (wood) mfrs.	3	470 34	3	425 84	3	44 50
74. Wood turners	13	7,992 68	12	7,504 71	12	487 97
Total	107	\$37,412 90	107	\$34,669 50	89	\$2,743 40

Industry Class and Sub-Class.	Grand Total.		Compensation.		Medical and Hospital Expenses.	
	Number of claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
Abstract (a)	4	\$2,367 00	4	\$2,186 00	4	\$181 00
Total state insurance.....	1,880	\$793,914 97	1,885	\$713,490 67	1,726	\$80,424 30

(a) The term "abstract" is used by the Industrial Commission to cover operations not included under any classification specifically enumerated in the Ohio State Insurance Manual.

TABLE III — Continued.

C. PERMANENT PARTIAL DISABILITY—Claims Against Employers Carrying Self-Insurance Under the State Plan.

Industry Class and Sub-Class.	Compensation.	
	Number of Claims for which Compensation was Awarded.	Amount of Compensation Awarded.
I. BAKERS, CONFECTIONERS, ETC.....	1	\$720 00
II. CHEMICALS, PAINTS AND DRUGS.....	10	2,752 16
III. COACHES, CARRIAGES AND WAGONS.....	29	7,712 14
IV. COAL MINING.....	14	8,020 57
V. CONTRACTING.....	36	22,490 36
VI. ELECTRICAL.....	7	7,368 00
VII. LUMBER.....	3	1,795 37
IX. MEAT PACKING AND STOCK YARDS.....	2	1,549 00
X. METAL.....	259	109,176 95
XI. MILLING.....	1	1,200 00
XII. MISCELLANEOUS.....	8	4,497 31
XIII-A. SPIRIT MFRS., SPIRIT MERCHANTS, ETC.....	1	500 00
XIII-B. LAUNDRIES, ICE COMPANIES, GAS WORKS, ETC.....	8	4,525 00
XIII-C. HIGH EXPLOSIVES.....	2	268 00
XIII-D. DRAYAGE AND TRANSFER COMPANIES, ETC.....	1	149 00
XIII-E. RAILWAY COMPANIES.....	17	8,217 80
XIV. OILS, ETC.....	1	290 00
XV. ORE REDUCTION AND CONCENTRATION.....	26	20,114 42
XVI. PAPER.....	1	240 00
XVII. POTTERY AND GLASS.....	2	1,777 70
XIX. RUBBER AND COMPOSITION GOODS.....	12	9,430 72
XX. STEVEDORING.....	8	833 00
XXI. STONE.....	16	6,853 35
XXV. WAREHOUSES AND STORES.....	6	2,369 00
XXV-A. COAL MERCHANTS, STORAGE COMPANIES, SCRAP IRON DEALERS, ETC.....	1	1,000 00
XXVI. WOOD.....	1	200 00
Total.....	468	\$223,539 91

TABLE III — Continued.

C. PERMANENT PARTIAL DISABILITIES—Claims of Public Employees.

Industry Class and Sub-Class.	Grand Total		Compensation.		Medical and Hospital Expenses.	
	Number of Claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
Public Employees.....	29	\$13,436 88	29	\$11,465 96	29	\$1,970 90

TABLE III — Continued.

C. PERMANENT PARTIAL DISABILITIES—Claims Arising Under Section 27 of the Workmen's Compensation Act.

Industry Class and Sub-Class.	Grand Total		Compensation.		Medical and Hospital Expenses.	
	Number of Claims for which Awards were Granted.	Total Amount Awarded.	Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Amount of Medical and Hospital Expenses Allowed.
Section 27	31	\$18,218 35	31	\$16,510 00	29	\$1,708 35
Grand Total (all classes of insurance)	2,417	\$1,049,110 11	2,413	\$965,006 56	1,784	\$84,108 55

TABLE III — NUMBER OF ACCIDENT CLAIMS ALLOWED AND TOTAL AMOUNT AWARDED IN CLAIMS OF EACH DEGREE OF DISABILITY, DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915.

D. TEMPORARY DISABILITY — Claims Against the State Insurance Fund.

Industry Class and Sub-class.	Grand Total.		Temporary Disability for More Than 7 Days.				Temporary Disability of 7 Days or Less.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Cases for which Awards were granted.	Compensation.		Medical and Hospital Expenses.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Total Medical and Hospital Expenses Allowed.
				Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.			
I. BAKERS, CONFECTIONERS, ETC. —								
1. Bakers Powder Mfrs.	342	\$11,881 33	228	211	\$6,685 35	215	114	\$687 00
2. Baking Powder Mfrs.	8	309 00	3	3	150 00	8	5	53 00
3. Candy Mfrs.	134	3,431 63	80	70	1,983 33	75	54	238 00
4. Chocolate Mfrs.	9	177 30	4	2	72 00	4	5	43 00
5. Chewing gum Mfrs.	6	44 00	2	2	14 00	2	4	16 00
6. Ice Cream Mfrs.	127	2,725 67	67	54	1,582 68	65	60	256 75
8. Macaroni Mfrs.	23	652 70	18	15	328 70	18	5	28 00
Total	649	\$19,203 63	402	357	\$11,016 06	382	247	\$1,271 75
II. CHEMICALS, PAINTS AND DRUGS —								
1. Chemical Mfrs.	50	\$830 48	19	12	\$327 48	19	31	\$171 00
2. Drug Mfrs.	44	739 26	26	24	880 56	25	18	93 50
3. Hydrogen and oxygen Mfrs.	6	136 00	4	4	76 00	4	2	13 00
4. Lead Mfrs. (red and white).	20	684 99	14	14	486 39	11	6	12 00
5. Paint Mfrs. (No lead Mfrs.).	162	2,708 25	71	60	1,421 15	64	91	411 00
6. Soda Ash Mfrs.	19	1,583 25	17	16	1,957 75	17	2	24 00
Total	301	\$6,611 23	151	130	\$3,661 03	140	150	\$724 50
III. COACHES, CARRIAGES AND WAGONS —								
1. Automobile Mfrs.	1,421	\$16,362 03	417	353	\$6,357 59	386	1,004	\$3,123 00
3. Baby carriage Mfrs.	169	2,381 52	52	48	1,072 02	51	107	503 50

4. Carriage, coach and wagon Mfrs. (not railroad cars).....	427	6,002 82	148	185	9,452 10	140	1,040 90	270	983 23
5. Carriage, coach and wagon Mfrs. (assembling only).....	287	3,605 35	98	83	1,821 85	89	1,062 45	194	491 03
6. Railroad car Mfrs. (no steel cars).....	885	14,174 30	312	274	7,803 71	806	4,474 26	573	1,894 30
7. Wheel (wood) Mfrs.....	67	1,225 40	43	40	606 40	43	468 50	24	97 00
8. Wood work (coach, carriage and automobiles) Mfrs.	7	155 13	6	6	101 13	6	51 00	1	3 00
Total	3,253	\$48,226 05	1,071	939	\$23,219 89	1,064	\$12,880 58	2,182	\$7,295 54
IV. COAL MINING —									
1. Coal mining	1,066	\$104,241 90	1,727	1,668	\$80,873 30	1,609	\$22,509 65	239	\$653 95
2. Shaft sinking	5	548 79	5	5	369 79	5	149 00		
Total	1,971	\$104,790 69	1,732	1,673	\$81,273 09	1,614	\$22,658 65	239	\$653 95
V. CONTRACTING —									
1. Additions to, alterations and repair of buildings and plants.....	49	\$1,260 77	20	17	\$705 05	19	\$420 72	29	\$182 00
2. Advertising sign Mfrs. (erection and erecting only).....	5	380 00	3	3	180 00	3	240 00	2	10 00
3. Architects, supervising (outside pay roll only).....	1	11 00	1	1	5 00	1	6 00		
4. Artisan well drillers.....	4	205 00	4	4	161 00	1	44 00		
5. Autogeneous welding (oxy-acet., etc.).....	1	42 00	1	1	19 00	1	23 00		
6. Bill posters (no erection or repair of signs).....	7	616 50	6	5	458 00	6	163 50	1	5 00
7. Blasting (includes handling and storage of explosives).....	3	747 00	3	3	537 00	3	210 00		
8. Blast furnaces—erecting, repairing and reducing.....	6	83 00	3	3	43 00	3	29 00	3	12 00
9. Boat builders, iron, steel and wood.....	57	1,736 00	33	32	959 00	32	603 00	54	174 00
10. Boat builders, construction or repairing small boats not exceeding 70 feet									
11. Boilers (steam) installation of and construction of, necessary concrete or masonry foundations.....	64	1,134 48	33	28	525 50	32	584 37	31	74 25
12. Bridge building, not otherwise classified.....	170	4,009 40	80	77	2,287 55	77	1,480 85	80	171 00
13. Bridge building—metal.....	112	3,341 08	58	51	2,133 06	54	1,017 47	54	273 50
14. Building movers—metal than wooden.....	5	336 49	3	3	266 99	3	75 50	2	4 00
15. Building movers—wooden.....	5	333 00	5	4	309 00	5	121 00	3	23 00
16. Casualty work—for buildings and bridge foundations.....	2	10 00							
17. Canal excavating.....	2	23 03	2	2	10 63	2	18 00	2	10 00
18. Canal lock construction, including excavation.....	2								
19. Canal lock construction, no excavation.....	1	5 00						1	5 00
20. Canal lock construction, away from shop (not bridge building).....	4	145 00	3	3	62 00	3	70 00	1	13 00
21. Carpenters, construction.....									
22. Carpenters, interior and cabinet work only.....	544	17,214 43	335	309	12,919 28	321	5,618 65	209	796 50
23. Carpenters (interior and cabinet work only).....	73	27,331 25	488	444	18,257 74	468	7,713 04	295	1,333 50

TABLE III — Continued.
D. TEMPORARY DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-class.	Grand Total.		Temporary Disability for More Than 7 Days.				Temporary Disability of 7 Days or Less.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Cases for which Awards were granted.	Compensation.		Medical and Hospital Expenses.		
				Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Granted.		Total Medical and Hospital Expenses Awarded.
V. CONTRACTING—Continued.								
24. Carpenters, masons, millwrights, machinists, electricians, laborers	85	2,225 94	49	47	1,429 94	46	687 00	36 108 00
25. Cellar excavations (no caisson work)	123	3,991 88	73	69	2,406 13	69	1,899 75	50 186 00
26. Clearing of land with or without blasting	2	12 00	1			1	6 00	1 6 00
27. Concrete work, bridge building (no caisson work)	108	3,030 69	52	47	1,635 04	48	890 75	56 204 00
28. Concrete work, building—reinforced concrete construction	338	7,165 90	157	184	3,956 80	152	2,357 00	181 852 00
29. Concrete work, buildings without reinforcement	41	895 53	22	17	406 28	23	331 25	19 96 00
30. Concrete work—foundations for buildings, piers, abutments, retaining walls, walls, etc., over 20 feet in height from footing (excluding tunnels, subways or caissons)	98	4,153 18	62	56	2,802 71	60	1,255 47	26 95 00
31.								
32. Contractors—building construction, private residences, etc.	525	11,757 36	237	197	6,693 61	230	3,997 65	238 1,066 00
33. Contractors—building construction—neither concrete nor structural iron	167	6,625 46	121	116	4,609 77	118	1,707 69	46 208 00
34. Contractors, building construction, structural iron	21	569 00	13	12	372 00	13	192 00	8 25 00
35. Conveyors, coal and ash, installation of	14	616 00	8	8	489 00	7	96 00	6 31 00
	2	31 00	2	2	8 00	2	23 00	

36.	Conveyors and hoisting apparatus, installation of.....	10	480 41	9	8	248 41	9	184 00	1	3 00
37.	Cornices and skylights, repairing and erecting.....	10	454 00	6	5	806 00	6	128 00	4	20 00
38.	Corrugated iron building (no structural steel work).....	6	58 00	2	2	36 00	2	10 00	4	17 00
39.	Cranes (traveling) and derricks, installation of.....	1	38 00	1	1	28 00	1	5 00		
40.	Crib work—not including handling of stone.....	1	30 00	1	1	20 00	1	9 00		
41.	Dredging—by floating dredges.....	9	348 00	4	4	271 00	4	58 50	5	18 50
42.	Dry docks—construction of.....	4	68 97	3	3	34 72	3	27 26	1	2 00
43.	Electrical apparatus—erection and repair work only.....	23	787 81	14	14	556 98	14	107 85	9	38 00
44.	Electrical equipment—installation within buildings and equipment in power dynamos and equipment in power plants).....	64	1,128 28	29	29	648 28	29	350 00	85	130 00
47.	Electric light and power companies—construction of transmission lines not intended for local distribution.....	8	368 00	7	7	208 00	6	160 00	1	8 00
48.	Electric light and power companies—construction work exclusively, with erection of poles.....	4	14 00	1	1	5 00			8	9 00
49.	Elevators—erection and repair.....	35	776 44	20	19	— 411 60	19	299 75	15	65 00
50.	Erection of gravity conveyors, slides and hoists.....	3	120 00	2	2	102 00	2	16 00	1	2 00
51.	Farm machinery, erecting, repairing, testing and demonstrating.....	1	36 00	1	1	28 00	1	8 00		
52.	Fences, construction of—wood, stone, metal or concrete not over 6 ft. high.....	1	34 00	1	1	21 00	1	18 00		
53.	Fireproof tiles, construction and repair.....	35	1,302 49	19	17	761 99	19	463 50	16	77 00
54.	Furnaces, in private residences only.....	30	1,124 85	11	10	743 50	11	310 50	19	70 75
55.	Galvanized iron and sheet iron work—ere—erection and repairing.....	12	684 00	9	9	452 00	8	225 00	8	17 00
56.	Gas machines, acetylene, residences, churches, factories.....	2	663 00	2	2	469 00	2	104 00		
57.	Gas works—laying of mains and connections, no tunneling.....	2	50 00	2	2	36 00	2	14 00		
58.	Glaziers (away from shop).....	15	335 86	10	9	177 86	10	180 00	5	28 00
59.	Grade crossing work (excluding iron and steel erection or the laying of new sewers).....	13	188 00	9	7	95 00	8	74 00	4	19 00
60.	Gravity chutes, erection of.....	1	3 00						1	3 00
61.	Hot house erection—away from shop.....	2	61 00	1	1	48 00			1	13 00
62.	House furnishings—installation of.....	1	14 00						1	14 00
63.	Installation equipment, carpenters, masons, millwrights, machinists, etc. fire iron work—erection balconies, coal escapes, etc.....	8	45 67	3	3	20 17	2	12 00	5	18 50
64.	Iron work—erection balconies, coal escapes, etc.....	9	367 14	7	7	282 14	5	79 00	2	6 00
65.	Iron work, structural, erecting.....	60	3,574 21	34	34	2,414 71	33	1,048 50	26	116 00
66.	Jetty and breakwater building.....	11	194 00	8	7	128 00	8	60 00	3	8 00

TABLE III — Continued.
D. TEMPORARY DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-class.	Grand Total.		Temporary Disability for More Than 7 Days.				Temporary Disability of 7 Days or Less.		
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Cases, for which Awards were granted.	Compensation.		Medical and Hospital Expenses.		Number of Cases for which Medical and Hospital Expenses were Allowed.	Total Medical and Hospital Expenses Allowed.
				Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Granted.	Total Medical and Hospital Expenses Awarded.		
V. CONTRACTING — Concluded.									
68. Landscape garden work.....	5	121 00	4	4	72 00	4	45 00	1	4 00
69. Lightning rods, erecting.....	1	10 00						1	10 00
71. Light prisms in pavements and grade floors.....	2	150 00	2	2	113 00	2	37 00		
73. Marble and stone cutters, decoration in place only.....	4	192 57	3	3	154 57	3	34 00	1	4 00
76. Marine railway—operation.....	7	161 00	6	4	129 00	6	29 00	1	2 00
76. Masonry work—building chimneys only.....	5	267 71	4	4	168 71	4	75 00	1	4 02
77. Masonry work (not otherwise classified).....	979	28,122 47	538	491	18,870 70	518	8,176 41	441	1,675 36
78. Metal ceiling work, installation away from shop.....	3	11 00						3	11 00
79. Millwrights, erecting and repairing machinery.....	93	2,352 57	30	29	1,579 57	29	523 00	63	250 00
80. Monuments and mausoleums, erecting only.....	24	243 14	5	3	119 14	5	65 00	19	56 00
81. Mosaic work, floors only within buildings.....	4	186 74	4	4	105 74	4	83 00		
82. Office furniture and fixtures, metal, erection of.....	3	14 00							
83. Oil producing, bronze and iron work within building—erecting.....	181	6,858 12	114	109	4,681 57	105	1,643 75	3	14 00
84. Ornamental brass, bronze and iron work within building—erecting.....	5	367 00	4	4	278 00	4	87 00	1	2 00
85. Painting and decorating, away from shop.....	40	2,817 97	32	31	2,085 72	29	665 50	8	36 75
86. Paviers (not otherwise classified).....	214	10,368 28	164	150	6,468 88	156	3,451 90	50	252 50

87. Pile drivers	182	4,183.63	80	78	3,619.97	76	1,810.61	63	253.00
88. Railroad construction—steam	10	895.92	10	10	895.92	10	895.92	5	18.50
89. Railroad construction—electric	10	437.50	7	7	316.00	7	106.00	5	18.50
90. Railroad construction—electric, horse	1	17.00	1	1	15.00	1	2.00	1	8.00
91. Cable construction, grade crossing	1	115.00	1	1	24.00	1	91.00	1	8.00
92. Riggers—ship or boat	1	8.00	1	1	697.12	1	168.00	1	33.00
93. Riggers (not ship or boat)	15	949.42	15	14	1,167.10	15	580.50	7	144.50
94. Road or street making—no quarrying	23	1,520.00	23	25	6,885.94	25	2,461.50	82	4.00
95. Road or street making—quarrying	14	7,094.00	112	103	2,430.54	108	1,119.00	22	119.00
96. Salt mining—including driving wells	1	3,661.54	68	60	2,430.54	60	1,119.00	22	119.00
97. Salt mining—driving	12	665.88	7	7	420.83	5	201.50	5	25.00
98. Sand excavating	6	146.00	5	7	74.00	5	70.00	1	2.00
99. Sand excavating—diggers	263	10,434.51	168	157	6,554.81	161	3,676.45	85	408.75
100. Sewer building (no limit to depth)	—	2,535.88	56	52	1,780.78	54	691.10	13	54.00
101. Sewer building—maximum depth 7 ft. at any point	1	40.00	1	1	31.00	1	9.00	1	14.00
102. Sewage disposal plants, construction of not connected with public sewers	6	182.00	4	3	75.00	4	93.00	2	5.00
103. Sign painting or lettering	6	276.71	5	5	170.71	5	101.00	1	223.50
104. Steam pipes or boilers, applying non-conducting materials	186	392.00	9	2	100.00	2	182.00	46	23.50
105. Street cleaners	15	6,490.62	138	125	3,658.22	132	2,617.90	7	6.00
106. Tank or gas holder erecting (metal)	3	16.00	8	7	118.00	8	69.00	2	237.50
107. Tank erecting—metal within buildings	158	7,918.40	125	122	5,237.24	118	2,473.75	33	22.00
108. Teaming, grading, etc.	1	12.00	1	1	9.00	1	3.00	4	1.00
109. Threshing machines, shellers or hay balers—operation of	10	181.85	6	5	106.85	6	53.00	1	5.00
110. Tile work	3	107.00	3	3	69.00	3	38.00	1	1.00
111. Trees, pruning, spraying, repairing, trimming and fumigating	2	23.00	2	2	18.00	2	5.00	1	1.00
112. Tunneling (including all work to completion)	5	326.00	4	4	274.00	3	51.00	1	5.00
113. Vaults, fire and burglar proof, construction and installation	73	1,648.84	50	39	929.46	46	592.36	23	136.50
114. Waterproofing cellars and foundations	29	915.22	23	21	478.72	22	412.00	6	29.50
115. Waterworks—construction of pumping stations, dams and reservoirs	8	269.21	4	4	144.71	4	74.00	4	50.50
116. Waterworks—laying of mains and connections	119	3,849.65	71	65	2,392.15	66	1,261.50	48	196.00
117. Window cleaning	6,644	\$224,071.30	4,016	3,677	\$144,010.65	3,843	\$68,923.29	2,628	\$11,107.36
118. Wreckers, not marine	172	\$4,107.13	90	86	\$2,482.38	84	\$1,237.75	92	\$367.00
119. Total	1	10.00	1	1	10.00	1	10.00	1	10.00

VI. ELECTRICAL —

1. Electric light and power companies—operation, maintenance and extension of lines
2. Electrical light and power companies—office employees not exposed to operating hazard

TABLE III—Continued.

D. TEMPORARY DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-class.	Temporary Disability for More Than 7 Days.				Temporary Disability of 7 Days or Less.			
	Grand Total.		Medical and Hospital Expenses.					
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Compensations.	Number of Cases for which Medical and Hospital Expenses Were Allowed.				
VI. ELECTRICAL — Concluded.								
3. Telegraph and telephone companies— operation, maintenance and extension of lines.....	59	2,044 87	41	1,775 17	42	810 50	17	59 00
4. Telegraph and telephone companies— office and exchange employees only.....	64	2,909 83	37	2,022 06	42	688 25	20	104 00
Total	296	\$9,371 13	164	\$6,279 63	168	\$2,751 50	120	\$540 00
VII. LEATHER GOODS AND SHOES —								
1. Bag mfrs.....	9	\$115 00	3	\$64 00	4	\$30 00	5	\$21 00
2. Baseball mfrs.....	3	6 00	1	1 00	1	3 00	2	3 00
3. Counter, heel and sole cutters.....	13	350 82	7	224 82	8	166 70	3	19 00
4. Enamel leather goods.....	4	120 00	4	86 00	4	34 00	3	19 00
7. Glove mfrs. (leather).....	39	299 86	13	116 85	15	112 00	24	71 50
8. Glove dressers.....	3	6 00					3	6 00
9. Harness and saddle mfrs.....	77	1,338 47	36	864 47	37	361 00	36	123 00
10. Leather belting mfrs.....	6	32 00	1	5 00	1	4 00	5	23 00
12. Leather dressers.....	18	437 71	12	168 21	15	260 50	3	9 00
13. Leather wearing apparel and novelties.....	5	91 10	3	34 10	2	47 00	3	10 00
14. Mail bag or pouch mfrs.....	5	24 00	1	7 00	1	8 00	2	9 00
17. Shoe and boot mfrs.....	601	8,222 00	218	4,479 80	244	2,450 65	351	1,822 15
19. Slipper mfrs.....	1	9 50	1	8 00	1	1 50	1	65 00
20. Tarners.....	44	1,624 80	23	1,965 10	33	284 70	11	7 00
22. Wool pullers.....	3	173 00	2	111 00	7	35 00	7	11 00
Total	829	\$12,959 55	337	\$7,434 95	368	\$3,730 05	450	\$1,685 65

VIII. LUMBER —

1. Bark mills.....	1	\$104 00	1	1	\$90 00	1	1	\$14 00	6	\$18 00
2. Box mfrs.—no machinery.....	11	166 93	6	6	106 96	5	5	39 00	6	179 50
3. Box mfrs., steam.....	100	2,392 94	68	66	1,490 96	60	60	622 50	48	18 50
4. Box mfrs., cigar.....	15	427 14	7	7	178 14	6	6	325 50	8	35 00
5. Box mfrs.—wire bound.....	14	650 00	6	6	261 00	6	6	254 00	8	53 50
6. Coopersage stock mfrs.....	59	1,898 94	60	47	1,264 69	49	49	8 00	2	10 00
7. Excelsior mfrs.....	1	49 00	1	1	41 00	1	1	162 50	5	34 00
8. Lath mfrs.....	2	10 00	19	19	399 29	18	18	1,496 30	46	262 00
9. Logging and lumber operations.....	24	565 79	119	100	3,270 54	114	114	6 00	2	10 00
10. Lumber yard employees (commercial yards only) no mill hazard.....	105	5,018 84	119	100	3,270 54	114	114	8 00	1	2 00
11. Lumber yard employees (not commercial yards).....	3	21 71	1	1	5 71	2	2	6 00	1	2 00
12. Packing case mfrs.—no machinery.....	3	41 00	2	2	30 00	2	2	6 00	1	2 00
13. Packing case mfrs.—steam mills.....	771	18,556 92	435	403	10,698 87	414	414	6,443 45	395	1,478 00
14. Planing and molding mills.....	210	8,392 22	68	59	1,747 17	44	44	5,029 45	142	616 00
15. Sash, door and blind mfrs.....	267	9,326 80	219	209	6,459 64	216	216	2,669 25	48	215 70
16. Veneer mfrs.....	17	161 75	9	8	96 50	8	8	47 50	8	17 75
Total.....	1,670	\$42,572 11	1,006	932	\$26,038 46	959	959	\$13,585 80	664	\$2,947 25

IX. MEAT PACKING AND STOCK YARDS —

1. Live stock shippers.....	5	\$68 86	3	3	\$23 86	3	3	\$24 00	2	\$11 00
2. Packing houses (no handling of live stock or slaughtering).....	51	1,091 58	31	31	561 58	31	31	430 00	20	100 00
3. Packing houses (including handling of cattle and slaughtering).....	374	10,484 46	256	255	6,129 17	239	239	3,795 29	118	560 00
4. Refrigerator cars (loading and unloading and caring for freight during transit).....	2	12 50	2	2	2 50	2	2	12 50	1	21 00
5. Sausage case mfrs.....	17	473 00	12	12	253 00	12	12	169 00	5	10 00
6. Slaughtermen.....	4	30 00	1	1	13 00	1	1	7 00	3	10 00
7. Slaughtermen.....	5	549 25	4	4	438 00	4	4	110 00	1	1 25
8. Slaughtermen.....	14	345 62	13	12	194 52	13	13	142 50	1	4 00
9. Stock yards with railroad entry.....	472	\$13,054 67	322	298	\$7,617 13	305	305	\$4,700 29	160	\$707 25
Total.....	1,670	\$42,572 11	1,006	932	\$26,038 46	959	959	\$13,585 80	664	\$2,947 25

X. METALS —

1. Acetylene gas machine mfrs.....	2	\$30 50	1	1	\$12 00	1	1	\$11 00	1	\$7 50
2. Adding machine mfrs.....	34	445 84	9	9	238 94	8	8	118 00	25	69 00
3. Aeroplane mfrs.....	2	10 00	235	222	5,846 83	222	222	2,609 00	219	727 50
4. Agricultural implement mfrs.....	454	9,182 83	235	222	5,846 83	222	222	2,609 00	219	727 50
5. Alloy metal casting mfrs.....	26	340 29	5	4	131 29	5	5	108 00	21	101 00
6. Aluminum ware mfrs. (no rolling mill or smelting operations).....	38	437 58	16	15	250 58	15	15	134 58	22	53 00
7. Anchor mfrs.....	3	120 00	2	2	96 00	2	2	23 00	1	2 00
8. Arms (heavy ordnance) mfrs.....	1	20 00	1	1	17 00	1	1	8 00	1	2 00
9. Autogeneous welding (shop only).....	6	74 00	1	1	19 00	1	1	40 00	5	15 00
10. Automatic slot or vending machine mfrs.....	3	27 00	1	1	16 00	1	1	30 00	2	11 00
11. Axle mfrs.....	14	28 00	4	4	567 21	4	4	30 00	10	41 00
12. Axle (metal) mfrs.....	127	1,162 46	28	24	567 21	28	28	245 25	99	350 00

TABLE III — Continued.
D. TEMPORARY DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-class.	Grand Total.		Temporary Disability for More Than 7 Days.				Temporary Disability of 7 Days or Less.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Compensation.		Medical and Hospital Expenses.		Number of Cases for which Medical and Hospital Expenses were Allowed.	Total Medical and Hospital Expenses Allowed.
			Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Granted.	Total Medical and Hospital Expenses Awarded.		
X. METALS — Continued.								
15. Badge (metal) mfrs.....	1	279 64	1	209 14	1	70 50	1	5 00
16. Bedstead (metal) mfrs.....	3	117 00	2	73 00	2	39 00		
17. Bedstead (metal) assembling manu- factured parts only.....	23	483 00	13	283 00	13	165 00	10	35 00
18. Bicycle and bicycle parts mfrs.—in- cluding assembling of parts.....	106	1,056 77	23	459 02	27	319 00	77	278 75
19. Blacksmiths—putting shoes.....	8	119 75	5	61 00	5	53 75	3	5 00
20. Blacksmiths—shoeing.....	6	283 00	3	189 00	2	55 00	3	19 00
21. Bolt and nut mfrs (hot work).....	204	3,327 83	78	1,866 82	82	1,012 50	116	448 50
22. Bolt and nut mfrs (not hot work).....	801	9,863 44	277	5,211 04	283	3,445 00	324	1,207 40
23. Brass goods mfrs.....	225	2,669 61	69	1,139 11	81	1,040 50	143	520 00
24. Brass foundry.....	144	3,214 70	60	1,505 00	56	1,370 00	84	339 70
25. Bridge works.....	149	4,019 71	73	2,602 06	69	1,198 45	73	219 00
26. Britannia ware mfrs.....	1	5 00					1	5 00
27. Button (metal) mfrs.....	2	4 00	1	3 00	1	3 00	1	4 00
28. Cable (wire) mfrs.....	4	72 00	3	53 00	3	15 00	1	4 00
29. Can mfrs.....	274	2,741 77	81	957 92	94	981 06	178	802 80
30. Carbureter mfrs.—exclusively.....	4	13 00	1	6 00	1	6 00	3	7 00
31. Card mfrs. (for carding cloth).....	1	1 75					1	1 75
32. Carriage dash and top mfrs. (not wooden).....	28	277 98	9	163 23	10	57 75	18	57 00
33. Car wheel mfrs.....	71	740 64	13	376 14	14	170 00	57	194 50
34. Cash register mfrs.....	88	340 00	5	135 00	6	85 00	32	120 00
35. Chain mfrs.....	62	941 20	32	598 80	33	253 90	29	94 50
36. Chandelier mfrs.....	11	319 00	3	164 00	3	123 00	8	29 00

37.	Clock mfrs.	7	807 00	6	234 06	6	133 80	1	5 00
38.	Coffin and casket (metal) mfrs. of (no rolling mill, no smelting)	22	394 78	15	139 98	15	139 80	7	25 00
39.	Copper and zinc goods—mfrs.	15	294 10	9	137 60	9	116 50	6	40 00
40.	Coppersmiths (shop only)	19	337 13	11	104 68	11	141 50	8	31 00
41.	Cotton gin mfrs.	1	11 00	1	8 00	1	8 00		
230	Cutlery mfrs.	1	1 50 25	62	847 75	53	645 50	163	396 00
42.	Drop forging work (not hardware)	231	3 020 50	82	1 872 85	76	1 599 90	139	477 75
43.	Electric apparatus mfrs.	727	7 735 35	233	3 870 97	201	2 163 45	504	1 713 73
44.	Electric crane mfrs.	17	863 33	10	113 33	10	199 00	7	22 00
45.	Elevator mfrs. (shop only)	82	1 637 72	34	1 052 61	82	482 35	48	159 70
46.	Enamel and agate ware mfrs.	159	140 00	69	1 119 44	67	638 32	90	234 25
47.	Feed water-heater mfrs.	4	81 00	4	10 00	3	36 00		15 00
48.	Fenders and fire iron mfrs.	8	131 00	7	86 00	7	42 00	1	7 00
49.	File mfrs.	2	7 00					2	1 288 00
50.	Fire engine mfrs.	473	5 733 73	131	2 677 38	129	1 773 35	342	1 288 00
51.	Fireproof equipment mfrs.	25	284 99	14	119 49	13	108 30	11	27 50
52.	Forging work, hand work only	8	76 00	2	33 00	3	33 00	6	10 00
53.	Foundry, bell	1 527	30 798 92	634	18 031 74	649	10 060 19	843	2 676 99
54.	Foundry, iron	1 883	12 207 55	248	5 724 33	246	3 690 37	1 635	2 822 35
55.	Foundry, steel castings	7	390 67	4	279 57	4	78 00	8	12 10
56.	Foundry supplies	628	9 536 34	207	5 224 43	200	2 953 69	421	1 407 22
57.	Forging work, steam	78	1 999 57	44	1 290 32	44	1 589 25	34	120 00
58.	Furnace mfrs., house heaters	19	276 00	8	123 90	8	97 00	11	57 00
59.	Galvanized or tinning sheet metal, exclusively	65	1 192 11	31	665 36	30	406 75	24	110 00
60.	Garden tool mfrs.	248	2 542 89	72	1 262 49	69	819 75	176	460 65
61.	Gas or gasoline engines mfrs.	39	253 64	7	99 14	7	58 00	32	101 50
62.	Gas engine ignition apparatus mfrs.	44	330 63	16	156 13	16	46 50	23	128 00
63.	Gas fixture mfrs.	24	580 35	12	373 85	12	167 00	12	39 50
64.	Gas holder mfrs. (shop only)	4	18 00	1	5 00	1	6 00	3	7 00
65.	Gas meter mfrs.	36	203 90	8	30 80	7	50 60	23	127 50
66.	Gravity conveyor, skid and hoist mfrs.	1	4 00						
67.	Gun, rifle and pistol mfrs. (not charging shells)	117	1 554 64	42	809 64	41	482 00	75	263 00
68.	Hardware (builders) mfrs.	183	5 603 33	122	3 879 03	78	1 492 80	61	231 57
69.	Hardware (carriage) mfrs.	11	240 00	7	168 00	7	65 00	4	7 00
70.	Hardware (saddlery) mfrs.	54	555 47	23	314 97	27	163 00	23	77 50
71.	Horseshoe mfrs.	13	35 00					13	35 00
72.	Instrument (professional or scientific mfrs.)	414	8 747 41	166	5 312 21	160	2 622 20	248	813 00
73.	Iron and steel works—shop fabricating and assembling structural iron and steel	247	4 590 52	104	2 780 77	102	1 331 50	143	468 25
74.	Iron and steel works—shop fabricating and assembling and manufacturing railings, balconies, fire escapes, etc.	56	1 262 84	24	742 16	23	498 18	31	112 50
75.	Iron and steel works—shop, manufacturing ornamental brass, bronze and iron work exclusively	7	81 69	3	40 29	3	17 40	4	24 00
76.	Jewelry mfrs.	1	54 00	1	43 00	1	11 00		
77.	Key mfrs.	123	2 082 53	69	1 314 68	65	564 90	59	203 75
78.	Lamp and lantern mfrs.	2	642 00	1	506 00	1	131 00	1	5 14
79.	Lawn mower mfrs.								

TABLE III.—Continued.
D. TEMPORARY DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-class.	Grand Total.		Temporary Disability for More Than 7 Days.				Temporary Disability of 7 Days or Less.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Cases for which Awards granted.	Compensation.		Medical and Hospital Expenses.	Number of Cases for which Medical Expenses Allowed.	Total Medical and Hospital Expenses Allowed.
				Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Granted.		
X. METALS—Continued.								
84. Lock mfrs.	2	122 00	2	2	108 00	2	2	16 00
85. Locomotive works	488	10,850 76	282	219	7,004 06	223	256	2,984 70
86. Loom harness, cop-tube and shuttle mfrs.	2	18 00	1	1	8 00	1		7 00
87. Loom mfrs.	1	4 00						
88. Machine shops, no foundry	4,229	42,924 21	982	874	20,892 01	886	1	12,688 35
89. Machine shops—with foundry	3,420	54,706 01	1,419	1,294	81,864 71	1,387	3,247	16,708 12
90. Mail box mfrs.	5	66 56	4	3	18 55	4	1	43 00
91. Malleable iron works	590	8,609 22	228	204	4,047 11	222	332	3,316 36
92. Marine engine mfrs.	10	191 14	6	6	114 14	6	4	62 00
93. Mattress (wire) mfrs.	1	10 00					1	10 00
94. Metal ceiling mfrs.	41	1,046 96	17	16	622 28	16	24	845 20
95. Metal goods mfrs.	1,343	16,332 86	463	388	8,746 46	461	880	5,081 38
96. Mining and milling machine mfrs.	64	1,858 84	40	38	910 96	36	24	878 25
97. Mine car and contractors' equipment mfrs.	381	3,887 13	84	79	2,209 28	80	297	1,068 40
98. Musical instrument mfrs. (metal)	3	23 00	2	1	7 00	2	1	14 00
99. Nail and spike mfrs.	6	38 00	2	2	16 00	2	1	16 00
100. Needle mfrs.	3	97 00	1	1	68 00	1	4	84 00
101. Pen mfrs.	4	48 71	4	3	24 71	3	2	19 00
102. Pen mfrs.	3	114 00	3	3	75 00	3		89 00
103. Phonograph mfrs., exclusively	96	1,883 76	48	43	748 76	46	48	517 00
104. Piano plate mfrs.	3	64 00	1	1	17 00	1		12 00
105. Pin mfrs.	81	2,244 06	59	56	1,423 86	55	23	746 00
106. Pipe (cast iron) mfrs.	182	2,876 73	54	49	1,256 85	53	98	810 58
107. Plumbers' supplies—mfrs. of								
108.								

109. Printing press mfrs.....	19	93 00	5	4	38 00	4	81 00	14	23 00
110. Projective, shell or case mfrs.....	8	32 00	1	1	7 00	1	3 00	2	27 00
111. Pump mfrs.....	142	2,870 10	82	77	1,701 80	77	864 80	60	213 60
112. Radiator (automobile) mfrs.....	1	14 00	1	1	7 00	1	7 00		
113. Radiator mfrs.....	90	657 80	21	17	346 55	19	182 50	59	123 25
114. Razor mfrs.....	8	77 00	6	5	84 00	6	39 00	2	4 00
115. Road roller mfrs.....	108	1,900 52	80	27	575 52	29	884 75	78	362 25
116. Rolling mills (see rod mill).....	188	2,575 50	82	70	1,227 25	76	974 75	106	378 50
117. Rolling mills—rolling of metal plates and sheets only, including dipping for galvanizing purposes.....	1,861	25,700 85	671	570	13,100 80	656	8,060 65	1,180	3,939 40
118. Rolling mills, rolling of bars only.....	456	7,862 59	236	210	4,528 39	282	2,620 45	220	804 76
119. Rolling tin and ternc plate from tin plate bars, including dipping.....	296	4,293 19	96	79	2,374 84	96	1,877 85	200	775 50
120. Sad iron mfrs. (flatiron).....	47	967 71	25	24	707 71	22	218 00	22	36 00
121. Safe mfrs.....	275	3,744 16	100	87	2,076 16	98	1,060 15	175	588 85
122. Saw mfrs.....	65	289 72	11	9	53 92	11	122 50	64	113 80
123. Scale mfrs.....	62	764 86	23	19	325 86	23	314 00	89	116 00
124. Screw mfrs. (cold cut).....	179	2,327 20	66	58	1,160 20	64	659 75	118	468 25
125. Sewing machine mfrs.....	127	2,992 46	70	59	1,508 46	67	960 00	67	415 00
126. Sheet metal workers.....	912	14,368 72	382	325	8,077 34	367	4,452 63	530	1,888 76
127. Silverware mfrs.....	2	4 00						2	4 00
128. Skate mfrs.....	2	3 00						2	3 00
129. Soda water apparatus mfrs.....	1	9 00						1	9 00
130. Spring bed mfrs.....	17	234 65	6	5	158 00	6	74 00	11	54 65
131. Spring mfrs. (not railroad car springs).....	401	3,255 93	105	83	1,473 43	99	956 50	296	826 00
132. Sprinkler (automatic) mfrs.....	64	742 50	24	21	286 75	24	289 50	40	154 25
133. Stamping (tin and metal) works.....	78	1,092 44	41	40	546 94	85	342 50	87	203 00
134. Stationary engine mfrs.....	5	105 00	3	3	69 00	3	32 00	2	4 00
135. Steam and air pressure gauge mfrs.....	9	216 93	4	4	151 43	4	51 50	5	14 00
136. Steam shovel, dredge and ballast loader mfrs.....	234	4,249 54	130	120	2,683 39	123	1,297 90	104	368 25
137. Steel freight car, pressed steel truck frame and bolster mfrs.....	176	5,798 33	133	113	4,036 98	122	1,623 35	48	138 00
138. Steel works—open hearth, Bessemer and crucible, casting ingots and puddling or blooming mill operations.....	445	8,958 17	189	172	4,391 29	185	3,572 13	256	994 76
139. Steel work, crucible, casting ingots and puddling or blooming mill operations.....									
140. Steel work—crucible, producing tool steel exclusively.....	2	11 00						2	11 00
141. Steel work—crucible, producing tool steel exclusively.....	5	148 00	4	4	73 00	3	64 00	1	11 00
142. Stencil mfrs.....	1	5 00						1	5 00
143. Stove mfrs. (not sheet iron).....	546	10,419 10	293	269	6,240 10	282	3,292 25	253	886 75
144. Stove mfrs. (sheet iron).....	530	6,314 65	154	136	3,276 75	149	1,868 90	376	1,170 00
145. Sword mfrs.....	1	51 00	1	1	48 00	1	3 00		
146. Tack mfrs.....	6	72 00	1	1	31 00	1	23 00	4	18 00
147. Tag, check and label mfrs. (metal).....	1	5 00						1	5 00
148. Tank builders—shop work only.....	222	3,110 83	70	63	1,791 83	68	1,024 00	152	295 00
149. Telegraph and telephone apparatus mfrs.....	3	7 00						2	4 00
150. Tinsmiths (in shop).....	13	361 50	7	6	260 00	7	70 50	6	31 00
151. Tool mfrs.....	703	6,343 86	153	116	2,983 21	144	1,987 90	650	1,492 75
152. Toy (metal) mfrs.....	28	445 00	14	10	228 00	14	105 00	14	52 00

TABLE III — Continued.
D. TEMPORARY DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-class.	Grand Total.		Temporary Disability for More Than 7 Days.				Temporary Disability of 7 Days or Less.		
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Cases for which were granted.	Compensation.		Medical and Hospital Expenses.		Number of Cases for which Medical and Hospital Expenses were Allowed.	Total Medical and Hospital Expenses Allowed.
				Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Granted.	Total Medical and Hospital Expenses Awarded.		
X. METALS—Concluded.									
160. Tube (metal) mfrs.....	100	1,291.72	54	46	771.42	50	356.30	46	164.00
164. Watch mfrs.....	13	382.05	7	7	268.05	6	86.00	6	28.00
165. Watch case mfrs.....	7	63.86	3	3	28.86	3	22.00	4	13.00
167. Water wheel (metal) mfrs.....	21	786.37	17	16	601.87	17	175.50	4	9.00
168. Weighing machine mfrs.....	3	63.00	2	2	30.00	2	31.00	1	2.00
169. Wheel barrow (metal) mfrs.....	1	39.57	1	1	28.57	1	11.00	1	4.00
170. Windmill (metal) mfrs.....	5	84.53	4	4	59.33	4	21.25	1	4.00
171. Wire basket and cage mfrs.....	3	71.00	3	1	30.00	3	41.00	3	8.00
172. Wire cloth mfrs.....	8	202.93	5	5	117.93	5	77.00	3	7.00
173. Wire covering and spooling.....	6	73.00	3	3	41.00	3	25.00	3	8.00
174. Wire (decorative) mfrs. (no wire drawing).....	14	319.21	11	10	153.41	11	159.80	3	6.00
175. Wire drawing works.....	35	580.60	18	16	387.45	18	177.15	17	45.00
176. Wire fence mfrs. (no wire drawing).....	24	717.29	15	13	462.29	15	218.00	9	47.00
177. Wire nail mfrs. (no wire drawing or fence mfrs.).....	9	335.14	9	8	272.64	9	62.50	2	10.00
178. Wire (piano) mfrs. (no wire drawing).....	2	10.00	.....	.....	.....	.....	.....	.....	.....
Total	30,001	\$427,889.49	10,745	9,497	\$284,652.02	10,218	\$184,800.35	19,256	\$58,937.12
XI. MILLING—									
1. Milling—general	174	\$5,706.01	117	107	\$3,834.61	109	\$1,628.90	57	\$242.50
2. Grain elevators (line or terminal).....	82	2,614.56	62	59	1,661.56	61	837.00	20	116.00
Total	256	\$8,320.57	179	166	\$5,496.17	170	\$2,465.90	77	\$358.50

XII. MINING (EXCEPT COAL)—

1. Clay or shale mines.....	63	\$1,656 75	53	\$1,207 75	50	\$412 00	10	\$37 00
2. Gypsum mining.....	40	641 39	11	302 25	10	294 60	29	84 50
3. Iron ore mining.....	1	30 00	1	32 00	1	6 00	.....	.....
4. Lime stone mining.....	3	38 25	2	32 25	2	.....	.....	.....
Total	106	\$2,365 43	67	\$1,524 33	63	720 60	39	\$121 50

XIII. MISCELLANEOUS—

1. Advertising novelties and signs (not metal, celluloid or glass).....	23	\$573 72	19	\$847 72	18	\$203 00	4	\$23 00
2. Advertising signs of board, tin and cloth and advertising novelties mfrs.....	12	382 40	6	230 40	6	116 00	6	86 00
3. Asbestos goods mfrs.....	139	1,156 52	32	546 52	32	233 50	106	330 90
4. Asphalt works (shop and yards only).....	32	794 97	13	423 47	13	237 40	19	84 10
4a. Awning and tent mfrs. (shop and erecting).....	34	720 57	18	422 57	18	251 00	16	47 00
5. Beet sugar mfrs.....	79	1,845 75	24	845 00	28	740 00	50	260 75
6. Blacking (shoe) mfrs.....	2	10 00	.....	.....	.....	.....	2	10 00
7. Canners (no can mfrs.).....	140	3,634 95	84	2,235 58	87	1,068 37	51	181 00
8. Carbon mfrs.....	17	143 07	7	65 37	7	33 70	10	44 00
9. Carbon black mfrs.....	2	81 00	1	30 00	1	49 00	1	2 00
10. Carpet cleaning or beating works.....	1	7 00	.....	.....	.....	.....	1	7 00
11. Carpet cleaning or beating works.....	37	641 07	17	306 57	17	233 00	19	101 50
12. Coffee roasters and grinders.....	65	910 14	36	490 64	37	340 00	27	109 50
13. Cordage mfrs.....	9	573 13	8	377 13	7	200 00	1	1 00
14. Crayon mfrs.....	2	79 00	2	69 00	2	10 00	.....	.....
15. Culin (slack or coal refuse) washing.....	.....	.....	.....	.....	.....	.....	.....	.....
16. De-greasing skins—removing grease from skins.....	3	21 00	.....	.....	.....	.....	3	21 00
17. Dry battery mfrs. (including zinc containers and metal parts).....	46	293 14	4	63 14	4	53 00	42	177 00
18. Dyers and cleaners.....	38	1,598 01	26	1,032 01	26	507 00	12	54 00
19. Enamelers (not enamel ware).....	24	311 62	14	165 62	8	100 50	10	46 50
20. Farm laborers.....	55	1,564 66	41	881 66	38	681 00	14	52 00
21. Fertilizer mfrs.—no reduction of garbage or offal.....	75	3,035 19	52	1,656 94	51	1,298 25	26	90 00
22. Fibre mfrs.....	1	26 00	1	9 00	1	17 00	.....	.....
23. Fish cures, packers and dealers.....	19	430 50	11	235 50	11	160 00	8	35 00
24. Fishing tackle mfrs.....	17	444 00	2	394 00	1	18 00	16	33 00
25. Florists (cultivating and gardening).....	14	421 25	12	270 00	10	148 25	2	8 00
26. Fountain pen mfrs.....	16	49 00	2	.....	2	9 00	14	40 00
27. Fruit (dried) packers, not fruit evaporators.....	4	173 00	3	103 00	2	66 00	1	4 00
28. Glucose mfrs.....	1	25 00	1	17 00	1	8 00	.....	.....
29. Graphite mfrs. (not mfrs. of artificial graphite).....	1	278 00	1	264 00	1	14 00	.....	.....
30. Household supplies, mfrs. of.....	3	10 00	.....	.....	.....	.....	3	10 00
31. Incandescent lamp mfrs.....	17	238 00	6	174 00	7	85 00	10	57 00
32. Ink mfrs.....	20	308 36	8	91 61	6	78 50	12	61 25
33. Lamp black mfrs.....	1	10 87	1	1 37	1	9 50	1	.....
34. Lapidaries.....	1	2 00	.....	.....	1	2 00	.....	.....
35. Metal polish (no can mfg.).....	3	60 00	1	39 00	1	7 00	2	4 00
36. Milk (powdered) mfrs.....	3	197 66	3	156 81	3	42 25	.....	.....
37. News agents.....	2	17 00	1	8 00	1	7 00	1	7 00

TABLE III — Continued.
D. TEMPORARY DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-class.	Grand Total.		Temporary Disability for More Than 7 Days.				Temporary Disability of 7 Days or Less.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Compensation.		Medical and Hospital Expenses.		Number of Cases for which Medical and Hospital Expenses Allowed.	Total Medical and Hospital Expenses Allowed.
			Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Granted.	Total Medical and Hospital Expenses Awarded.		
XIII. MISCELLANEOUS — Concluded.								
53. Nickel platers and finishers.....	32	394 22	15	227 72	14	107 00	17	59 50
54. Nurserymen.....	8	95 00	6	50 00	6	37 00	2	8 00
55. Oil cloth (all kinds) mfrs.....	4	249 00	4	169 00	4	80 00		
56. Painters—in shop.....	1	2 00					1	2 00
57. Paste mfrs.....	2	31 00	2	6 00	2	25 00		
58. Phosphate works (no mining).....	1	129 33	1	91 43	1	37 90		
59. Photographers—outside work.....	1	6 00						
60. Photographers—sensitive films and dry plates.....	2	22 00	1	9 00	1	8 00	1	6 00
61. Produce dealers.....	66	2,662 15	45	1,560 65	45	1,082 00	11	5 00
62. Salt mfrs. (not mining or sinking wells).....	67	2,480 49	53	1,667 49	56	782 00	10	31 00
63. Shot gun sundries and shooting supplies—mfrs. of.....	8	114 00	4	78 00	4	23 00	4	13 00
64. Slate pencil mfrs. (lava tip).....	1	31 89	1	6 75	1	6 75		
65. Spice mills.....	6	50 75	3	16 25	3	21 50	2	13 00
66. Starch mfrs.....	1	2 00					1	2 00
67. Sugar refiners—including all incidental work.....	7	26 00			1	5 00	6	21 00
68. Tar mfrs.....	6	808 00	5	267 00	4	43 00	1	8 00
69. Undertakers—no livery or garage.....	5	127 86	4	86 96	4	80 00	1	11 00
70. Upholsters (not furniture or cabinet making).....	5	138 10	4	67 10	4	57 00	1	14 00
71. Wood preserving and fireproofing.....	41	753 80	27	453 80	28	273 00	13	52 00
Total.....	1,214	\$38,578 14	613	\$16,711 97	627	\$9,926 37	560	\$2,240 50

XIII-A. SPIRIT MFRS., SPIRIT MERCHANTS—

1. Bottling works (no bottling under pressure).....	15	\$488 64	6	\$130 14	6	\$226 50	9	\$32 00
2. Bottling (under pressure).....	37	179 00	15	179 00	15	150 50	22	94 50
3. Breweries (with or without bottling).....	941	30,882 33	612	20,768 92	565	8,682 76	359	1,560 71
4. Compounders (blending, handling and bottling, and dealers in liquors).....	63	752 00	34	341 00	28	284 00	29	127 00
5. Cider mfrs.	8	135 00	3	79 00	3	40 00	4	51 00
6. Distilling merchants—retail	38	931 60	28	633 00	27	397 60	10	57 00
7. Liqueur merchants—retail	8	462 00	4	340 00	4	95 00	4	21 00
8. Molasses houses	19	983 32	15	672 42	16	341 90	4	21 00
9. Mineral water mfrs.	18	243 00	12	102 00	13	120 00	6	72 00
10. Restaurants (with bar).....	35	1,158 42	26	753 92	26	882 50	9	99 00
11. Wine mfrs.	35	584 02	17	284 86	15	200 16	18	36 00
12. Wine and spirit merchants (no bar on premises)	16	390 62	12	201 62	11	143 00	4	36 00
Total	1,232	\$37,330 00	754	\$24,299 88	757	\$10,872 91	448	\$2,157 21

XIII-B. LAUNDRIES, ICE COMPANIES, GAS WORKS, ETC.—

1. Cemetery companies	4	\$197 00	3	\$160 00	3	\$32 00	1	\$5 00
2. Garbage works—reducing or incinerating garbage or offal	37	1,701 57	33	1,207 07	33	488 00	4	11 50
3. Gas works	38	1,193 46	26	1,703 96	25	445 00	12	44 50
4. Gas works	587	16,268 16	308	9,987 84	297	4,749 82	279	1,580 50
5. Ice (artificial) mfrs.	1	4 00	1	4 00				
6. Ice companies (harvesting and storage)	69	2,342 96	54	1,512 71	54	762 75	15	57 50
7. Ice companies (no harvesting)	134	3,253 32	77	1,864 57	76	1,101 75	57	317 00
8. Laundries	20	984 14	16	705 19	16	274 95	4	14 00
9. Oil distributing companies.....	5	195 00	5	113 00	3	75 00		
10. Water works—operating only.....								
Total	805	\$26,172 61	523	\$16,208 34	506	\$7,924 27	372	\$2,040 00

XIII-C. HIGH EXPLOSIVES—

1. Fire works mfrs. (no exhibition work).....	3	\$289 00	2	\$151 00	2	\$183 00	1	\$5 00
2. Powder mfrs.	1	38 00	1	22 00	1	18 00		
3. Torpedo mfrs.	2	30 00	1	11 00	1	15 00	1	4 00
Total	6	\$357 00	4	\$184 00	4	\$164 00	2	\$9 00

XIII-D. DRAYAGE AND TRANSFER COMPANIES—

1. Automobile sales room, including sales	4	\$49 00	2	\$42 00	1	\$5 00	2	\$2 00
2. Automobile garage, including sales room and repair, drivers of cars, demonstrations, etc.	267	5,139 70	119	2,775 30	113	1,746 90	148	617 50
3. Chauffeurs	12	695 10	10	410 20	10	266 90	2	9 00
4. Drayage and hauling—household goods, etc.	238	9,265 41	186	5,832 35	177	3,180 06	52	256 00
5. Drayage and hauling—heavy machinery, etc.	13	450 29	9	302 29	7	131 00	4	17 00
Total								

TABLE III—Continued.
D. TEMPORARY DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-class.	Grand Total.		Temporary Disability for More Than 7 Days.				Temporary Disability of 7 Days or Less.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Cases for which Awards were granted.	Compensation.		Medical and Hospital Expenses.	Number of Cases for which Medical and Hospital Expenses Allowed.	Total Medical and Hospital Expenses Allowed.
				Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.			
XIII-D. DRAYAGE AND TRANSFER COMPANIES—Concluded.								
5. Express companies, including loading and unloading operations.....	53	1,877 88	46	48	984 88	42	42	873 00
6. Garbage collectors—refuse and ashes.....	12	399 30	12	11	257 80	12	12	142 00
7. Livery and boarding stables (not selling).....	26	1,204 52	23	22	722 52	22	22	470 00
8. Sales stables (including exhibition and delivery of horses).....	7	540 14	7	7	322 14	6	6	218 00
10a. Transfer companies without auto service.....	42	1,063 08	27	25	461 08	26	26	564 00
10b. Transfer companies including auto service.....	100	3,506 28	65	50	2,154 36	68	35	1,175 40
Total.....	774	\$24,173 18	506	470	\$14,268 90	479	268	\$8,673 20
XIII-E. RAILWAY COMPANIES—								
1. Electric railway companies (urban).....	334	\$9,064 66	180	150	\$5,500 23	175	154	\$2,888 83
2. Electric railway companies (interurban).....	94	3,973 35	66	66	2,474 00	66	25	1,883 75
3. Railroad hazard (operating) contractors' risk.....	2	52 00	2	2	28 00	2	2	28 00
4. Railroad, steam, operating same.....	49	1,662 80	35	32	1,131 05	34	14	506 25
Total.....	479	\$14,772 81	256	250	\$9,131 98	277	193	\$4,801 88
								\$889 00

XIV. OILS. ETC.—

1. Axle grease mfrs. (no distilling).....	3	\$48 00	2	3	\$38 00	3	\$10 00	10	\$63 00
2. Butter and butterine mfrs.....	33	568 30	23	19	307 20	22	523 00	3	19 00
3. Candle mfrs. (no distilling).....	13	876 30	15	15	406 40	14	163 80	3	3 00
4. Castor oil mfrs.....	8	268 07	6	6	109 57	6	200 50	2	56 00
5. Condensed milk mfrs.....	36	549 96	19	16	246 96	17	245 00	17	56 00
11. Cottonseed oil refineries (no manu- facturing or expressing of oil).....	4	25 00	3	2	7 00	2	8 00	2	10 00
12. Creameries.....	36	1,113 64	23	25	691 14	27	986 50	8	37 00
13. Dairies.....	66	1,788 82	44	41	878 82	42	761 00	22	159 00
14. Gasoline mfrs. (no crude oil refining).....	3	447 00	3	3	219 00	3	258 00	.....	.....
15. Glycerine mfrs.....	8	208 50	2	2	157 00	2	31 00	4	16 50
16. Grease mfrs. (no oil refining).....	68	1,553 20	32	31	1,130 20	30	646 50	26	166 50
17. Lard refiners.....	1	2 00	2	.....	.....	.....	.....	1	2 00
18. Linseed oil mfrs.....	2	455 51	2	2	316 51	2	139 00	.....	.....
19. Oil cake mfrs. (no grinding of seed).....	1	485 00	1	1	322 00	1	113 00	.....	.....
20. Oil (crude) petroleum refiners.....	337	7,533 02	160	143	4,440 13	166	2,841 24	177	761 55
21. Oil (fab) mfrs.....	1	8 00	1	.....	.....	8 00	.....	.....	.....
22. Soap and soapine mfrs.....	226	6,266 51	156	141	3,502 01	152	2,421 00	71	386 50
23. Wax mfrs. (not crude oil distillers).....	1	3 00	.....	.....	.....	.....	.....	1	8 00
Total.....	840	\$22,206 74	496	449	\$12,817 05	479	\$7,781 64	344	\$1,608 05

XV. ORE REDUCTION AND CONCENTRATION

1. Blast furnaces.....	1,610	\$25,020 57	543	517	\$15,948 77	522	\$7,037 80	1,093	\$2,584 00
2. Coke burners.....	68	1,018 91	37	30	968 41	35	646 50	31	106 00
3. Copper smelters.....	6	31 00	1	1	5 00	1	5 00	5	21 00
4. Gold reduction.....	1	39 00	1	1	17 00	1	22 00	.....	.....
5. Ores—concentrating and amalgamating of.....	4	96 00	4	4	73 00	4	23 00	.....	.....
6. Smelters.....	9	79 00	3	3	17 00	3	37 00	6	25 00
7. Tin smelters.....	46	861 00	20	18	468 00	20	292 00	26	101 00
Total.....	1,744	\$28,345 48	614	574	\$17,497 18	556	\$5,012 30	1,130	\$2,886 00

XVI. PAPER—

1. Bag mfrs., paper only (no paper mak- ing).....	21	\$314 79	9	8	\$176 28	9	\$95 00	12	\$43 50
2. Bag mfrs.—paper only with paper making.....	29	409 67	16	14	264 17	15	112 50	13	33 00
3. Box mfrs., folding paper boxes only.....	164	2,887 25	86	78	1,482 00	84	939 50	78	266 75
4. Box mfrs., folding paper boxes only with paper making.....	3	92 00	2	2	10 00	2	78 00	1	4 00
5. Boxes (solid paper) mfrs. of (no paper making).....	150	3,389 24	96	83	1,680 24	95	1,412 00	64	297 00
6. Boxes (solid paper) mfrs. of, with pa- per making.....	11	371 14	9	9	293 64	9	122 50	2	10 00
7. Carbon paper mfrs.—no paper making.....	1	2 00	.....	.....	.....	.....	.....	1	2 00
8. Card and bristol board mfrs. (no pulp mill).....	244	3,807 32	99	92	2,109 57	98	1,130 25	145	484 50
9. Envelope mfrs. (no paper mfrs.).....	115	1,240 54	42	35	537 29	41	432 50	73	271 06
10. Envelope mfrs. (with paper mfrs.).....	15	190 71	6	6	56 96	6	61 75	9	42 00
11. Fibre goods mfrs. (no fibre making).....	3	16 33	2	1	7 33	1	8 00	1	1 00

TABLE III — Continued.
D. TEMPORARY DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-class.	Grand Total.		Temporary Disability for More Than 7 Days.				Temporary Disability of 7 Days or Less.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Compensation.		Medical and Hospital Expenses.		Number of Cases for which Medical and Hospital Expenses were Allowed.	Total Medical and Hospital Expenses Allowed.
			Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Granted.	Total Medical and Hospital Expenses Awarded.		
XVI. PAPER — Concluded.								
16. Music rolls for piano players mfrs. (no paper making).....	4	20 00					4	20 00
17. Oiled, paraffined or waxed paper mfrs. (no paper making).....	1	2 00					1	2 00
18. Paper mfrs. (all kinds except writing paper, no wood pulp mfg.).....	363	5,948 96	148	3,281 21	165	1,912 25	194	775 50
19. Paper mfg. with wood pulp mfg.....	58	1,094 35	28	580 72	30	386 88	27	116 75
20. Paper mfg. with wood pulp and sulphite fibre.....	1	40 00	1	31 00	1	9 00		
21. Paper coating and finishing.....	526	6,971 35	165	3,492 30	181	2,135 70	241	1,848 85
22. Paper mache goods, mfrs. of (no paper or wood pulp making).....	1	7 14	1	5 14	1	2 00		
24. Playing card mfrs. (no paper or card board making).....	70	1,694 50	20	981 91	25	579 59	45	133 00
26a. Pulp mills—ground wood pulp only (no saw or barking mills).....	1	8 00	1	3 00	1	5 00		
26c. Pulp mills sulphite or other fibrous pulp processes, with saw and barking mill.....	3	93 00	3	49 00	3	44 00		
27. Roofing and building paper mfrs. (no paper making).....	6	112 00	3	60 00	4	37 00	2	15 00
29. Stationery mfrs. (no paper making).....	14	155 00	3	50 00	3	68 00	11	40 00
30. Straw board mfrs.....	82	2,601 54	52	1,768 04	51	765 50	27	78 00
31. Tag, check or label mfrs.—no paper making.....	8	297 21	4	89 71	4	188 00	4	9 50

32. Wall paper mfrs., printing and finishing only	5	141 00	2	84 00	2	41 00	3	16 00
33. Writing paper mfrs.	60	829 91	26	464 91	25	239 00	24	136 00
Total	1,909	\$82,637 25	877	\$17,960 43	866	\$10,801 92	1,082	\$4,181 90
XVII. POTTERY AND GLASS —								
1. Bottle mfrs.	184	\$3,429 36	100	\$1,783 36	105	\$1,286 60	75	\$359 50
2. Brick mfrs., including clay digging and mining	824	25,637 73	676	17,702 43	646	7,829 40	148	605 90
3. Cathedral and art glass window mfrs.	11	481 97	7	294 22	7	162 75	4	25 00
4. Earthenware mfrs.	8	196 96	7	136 09	6	58 00	1	4 50
5. Eye glass and spectacle mfrs.	1	7 00	1		1	7 00		
6. Fire glass and products mfrs.	33	869 96	27	683 51	25	279 25	6	16 50
7. Glass (plate or window) mfrs.	1,138	12,026 60	225	5,162 21	218	3,582 18	983	4,282 30
8. Glass mfrs. (no plate or window glass mfrs.)	513	7,787 59	269	4,137 94	263	2,750 15	244	999 50
9. Glass (cut) mfrs.	13	186 43	8	92 43	7	74 00	5	19 00
10. Glass eye mfrs.	2	11 00					2	11 00
11. Glass sign mfrs. (no glass making)	4	59 00	3	37 00	3	31 00	1	1 00
12. Lens mfrs.	20	300 96	14	178 46	13	110 50	6	12 00
13. Marl mfrs.	2	46 50	1	25 00	2	21 50		
14. Mirror mfrs.—no glass making	1	6 00					1	6 00
15. Pipe clay (tobacco) mfrs.	1	352 02	10	164 60	10	99 50	16	87 92
16. Plate or window glass mfrs.	96	2,497 41	56	999 41	55	417 25	29	80 75
17. Pottery (flower pots, art and household utensils only)	85	2,429 82	66	1,500 27	64	837 85	19	91 70
18. Pottery (tiling, gas retorts, sewer and drain pipes, mfrs.)	308	8,822 46	223	5,945 46	206	2,644 00	85	333 00
19. Pottery—general ware or sanitary goods	138	5,379 54	118	4,051 14	110	1,238 40	20	90 00
20. Terra cotta mfrs. (decorative purposes)	1	446 00	1	331 00	1	114 00		
21. Terra cotta mfrs. (no underground mining)	1	515 00	1	424 00	1	91 00		
22. Tile mfrs. (for decorative purposes)	35	1,889 69	35	981 49	31	608 20		
23. Tile mfrs. (for drainage) mfrs.	67	2,043 08	56	1,880 33	56	636 25	11	47 50
Total	3,521	\$75,013 10	1,914	\$45,770 25	1,890	\$22,317 78	1,007	\$6,925 07
XVIII. PRINTING —								
1. Electrotypers	141	\$1,725 25	67	\$733 00	63	\$902 75	74	\$339 50
2. Newspaper offices	118	2,464 10	64	1,408 10	60	788 00	64	289 00
3. Printers	621	11,774 21	271	6,107 53	264	4,020 13	350	1,646 55
Total	880	\$15,963 56	402	\$8,298 63	387	\$5,410 88	478	\$2,254 05
XIX. RUBBER AND COMPOSITION GOODS —								
1. Comb mfrs. (hard rubber)	1	\$12 00	1		1	\$12 00	1	3 01
2. Rubber belting mfrs.	1	8 00						
3. Rubber mfrs.	553	10,087 30	387	\$7,725 30	145	1,774 75	166	557 25
4. Rubber garment making	4	23 48	2	10 48	2	8 00	2	5 00
5. Rubber reclaiming operations	30	436 00	15	245 00	14	154 00	15	56 00
6. Rubber stamp mfrs.	1	227 00	1	108 00	1	121 00		

6. Emery wheel mfrs.	13	161 00	7	6	90 35	7	66 00	6	16 25
8. Flint and spar grinders (no quarrying)	2	110 79	2	2	82 29	2	87 50	8	12 00
9. Grindstone mfrs. (no quarrying)	6	224 43	3	3	224 43	3	116 80	3	31 50
11. Lime burners (no quarrying)	25	354 46	18	10	368 01	16	204 96	9	31 50
12. Lime quarries (with or without blasting)	3	223 00	3	3	190 00	3	38 00	3	559 75
13. Lime quarries (with or without blasting, including stone crushing)	418	12,439 99	277	256	8,248 65	263	3,631 59	141	559 75
14. Lithographic stone mfrs. (no quarrying)	1	15 00	1	1	5 00	1	10 00	1	53 00
17. Marble cutters and polishers (no quarrying)	84	797 89	22	21	487 14	21	257 75	12	2 00
18. Millstone mfrs. (no quarrying)	1	2 00						1	
19. Mill work mfrs. (sawed stone and diamond stock, including stone yard operations)	10	433 97	9	9	363 97	7	67 00	1	3 00
21. Plaster mills (no quarrying)	62	569 15	20	14	301 65	19	262 50	32	65 00
22. Plaster mixing or staff mfrs. (no crushing or grinding)	1	63 00	1			1	63 00		
23. Plaster for walls (mixing and ware-house plant)	1	31 97	1	1	15 72	1	16 25	1	1 00
24. Quarries, with or without blasting	1	1 00							
25. Quarries (not lime or cement) with or without blasting	1	1 00							
26. Sandstone quarries (for building, sawed or grindstone)	9	196 00	5	5	116 00	5	90 00	4	11 00
27. Quarrying (silica sand and silica sandstone)	21	751 25	16	16	515 00	12	215 00	5	21 25
28. Sewer pipe mfrs.—no laying of pipes	185	3,345 23	87	64	1,933 73	84	1,185 50	48	296 00
29. Silica grinding (no quarrying)	1	1 00						1	1 00
30. Slag, excavation of, and loading on cars	12	275 00	9	7	161 00	9	107 00	3	7 00
32. Slate quarries—with or without blasting	19	824 89	11	11	540 89	11	242 50	8	42 00
33. Soapstone mfrs. (no quarrying)	1	30 00	1	1	11 00	1	19 00		
34. Stone crushers (not limestone) including quarrying	5	113 00	5	4	82 00	5	31 00		
35. Stone crushers (no quarrying)	1	2 00						1	8 00
36. Stone yard (no quarrying)	12	809 14	10	10	669 14	8	134 00	2	6 00
	33	1,218 64	23	22	869 14	23	278 50	15	71 00
Total	913	\$26,330 67	606	544	\$77,115 96	575	\$6,034 09	307	\$1,170 50

XXII.

TEXTILE

3. Bag (burlap, sacking) mfrs.	8	\$79 86	1	1	\$18 84	1	\$18 00	7	\$48 00
4. Bag mfrs. (sewing only)	1	32 00	1	1	26 00	1	4 00		
7. Brail mfrs. (not embroidery mfrs.)	3	30 00	3	2	16 00	3	12 00		
8. Runtig mfrs.	3	23 00	1	1	1 00	1	5 00	2	11 00
12. Canvas belting mfrs.	1	132 00	1	1	17 00	1	5 00		
13. Cap mfrs. (cloth only)	1	153 71	1	1	133 71				
14. Carding and fulling machines	1	1 00						1	1 00
16. Cloth spongers	3	76 00	2	2	42 00	2	10 00	1	4 00
17. Clothing mfrs.	169	9,731 52	81	75	1,275 90	78	972 35	83	473 00
18. Cloak mfrs.	76	1,065 85	23	21	655 85	23	845 00	15	68 00

TABLE III — Continued.
D. TEMPORARY DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-class.	Grand Total.		Temporary Disability for More Than 7 Days.				Temporary Disability of 7 Days or Less.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Cases for which Awards were granted.	Compensation.		Medical and Hospital Expenses.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Total Medical and Hospital Expenses Allowed.
				Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.			
XXII. TEXTILE — Concluded.								
19. Collar and cuff mfrs., including laundry	1	4 00	1		16 00	1	1	4 00
23. Cotton weavers	7 00	83 00	6	1	37 00	5	6	50 00
24. Dressmakers	17	154 00	5	3	70 57	2	12	82 00
26. Dyers and textiles—new goods.	3	89 57	3	8	70 57	2	19 00	19 00
27. Elastic web mfrs.	4	53 42	3	2	32 42	3	16 00	16 00
28. Embroidery mfrs.	4	33 00	3	2	7 00	3	18 00	18 00
29. Feather pillow mfrs.	3	94 00	3	3	61 00	3	33 00	33 00
31. Felting mfrs.	4	25 00	3				4	25 00
37. Glove and mitten (silk, woolen and thread) mfrs.	12	106 00	5	5	42 00	5	7	33 00
40. Hat (straw) mfrs.	3	139 00	3	3	98 00	3	40 00	40 00
41. Hat (not straw) mfrs.	1	7 00	1	1	4 00	1	3 00	3 00
42. Horse blanket mfrs. (no shoddy mfg.)	75	1,047 41	27	24	562 41	27	48	103 00
43. Hose (cotton) mfrs.	1	8 00	1	1	5 00	1	3 00	3 00
44. Hosiery mfrs.	2	29 00	1	1	10 00	1	1	5 00
46. Hosiery mfrs. (from cop yarn, no yarn mfg.)	3	42 00	3	3	28 00	3	14 00	14 00
47. Knitting mills (no yarn mfg.)	202	1,894 91	45	46	571 26	42	157	870 50
49. Lace mfrs.	3	31 57	1	1	3 57	1	2	23 00
52. Mattress mfrs. (no spring or wire work or excelsior mfrs.)	64	909 73	23	22	538 23	23	81	115 00
53. Millinery mfrs.	11	334 13	6	6	191 13	6	6	90 00
54. Necktie mfrs.	3	15 00	1				2	10 00
57. Quilt mfrs.	1	7 00	1	1	7 00	1	1	7 00

69. Bag mfrs.	1	40 00	1	1	44 00	1	16 00	9	14 70
70. Bag cotton	9	16 00	13	12	184 10	18	288 50	13	14 70
71. Shirt mfrs. (including laundry)....	28	558 44	33	282	608 24	37	481 88	108	388 60
72. Shoddy mfg.	146	1,482 33	33	1	11 00	7	80 00		
73. Shoe string mfrs.	1	41 00	7	7	64 00	3	66 00		
74. Silk mfrs.	7	100 00	2	3	37 86	3	9 15		
75. Suspender mfrs.	2	47 01	2	10	191 88	8	98 00	1	6 00
76. Tailors	11	295 88	10						
77. Textile mfg. cotton and wool, exclud- ing shoddy mfrs.	2	54 00	2	2	80 00	2	24 00		
78. Umbrella mfrs. (no carriage or auto type)	2	35 00	2	2	11 00	2	18 00	2	11 00
79. Upholstering fabric mfrs.	4	31 00	1			2	2 00	1	9 00
80. Wadding and waste	2	11 00	13	13	287 58	11	105 00	13	55 00
81. Wicking mfrs. (no carriage mfg.)....	25	577 58	13	1	5 00	1	6 00		
82. Window shade and cloth mfrs. (mak- ing and mounting)	1	11 00	1						
83. Wool combs mfrs.	5	47 14	8	3	27 39	3	13 25	2	6 50
84. Wool extract mfrs. (chemical separa- tion of wool from cotton)	1	148 00	1	1	125 00	1	23 00		
85. Woolen goods mfrs.	6	74 78	3	3	58 28	3	17 50	3	4 00
86. Wool weavers (excluding shoddy mfrs.)	365	2,179 28	51	40	766 78	49	427 50	315	1,045 00
87. Yarn finishing—no mfg. of yarn.....	1	2 00						1	2 00
88. Yarn mfrs.	1	11 00	1	1	2 00	1	9 00		
Total	1,262	\$15,072 19	339	351	\$5,904 56	383	\$4,528 28	898	\$3,641 85
XXIII. TOBACCO —									
1. Cigar and cigarette mfrs.	44	\$1,337 16	34	32	\$908 01	32	\$378 15	10	\$51 00
2. Tobacco (chewing, smoking, plug and fine cut) mfrs.	60	498 41	22	18	247 16	22	149 00	38	97 25
Total	104	\$1,835 57	56	50	\$1,155 17	54	\$527 15	48	\$148 25
XXIV. VESSELS —									
2. Barge and canal boatmen (no loading and unloading)	2	\$39 00	1	1	\$17 00	1	\$10 00	1	\$12 00
4. Fishing vessels	32	1,014 31	23	23	668 71	23	270 50	9	50 00
6. Great lake steamers	6	248 00	6	6	175 00	5	91 00		
7. Great Lakes and river tug boats	15	533 50	8	6	373 50	7	125 50	7	34 50
11. River and sound steamers and sailing vessels	2	41 00	1			1	29 00	1	12 00
13. Steamboats, towing boats, tug boats and barges	1	80 00	1	1	51 00	1	29 00		
Total	58	\$1,973 71	40	36	\$1,310 21	37	\$555 00	18	\$108 50
XXV. WAREHOUSES AND STORES —									
1. Amusement park employees	19	\$224 00	6	5	\$144 00	5	\$29 00	13	\$51 00
2. Apartment hotel (excluding laundry)....	8	60 00	2	3	10 00	2	46 00	1	4 00
3. Apartment houses	1	4 00						1	4 00
5. Athletic clubs	15	395 10	10	10	237 10	10	181 00	5	27 00
6. Barbers	4	54 71	4	4	31 71	3	23 00	3	31 00
7. Baseball players	3	31 00						3	31 00
8. Billiard and bowling halls	4	157 00	3	3	66 00	3	56 00	1	5 00

TABLE III—Continued.
D. TEMPORARY DISABILITY—Claims Against the State Insurance Fund—Continued.

Industry Class and Sub-class.	Grand Total.		Temporary Disability for More Than 7 Days.					Temporary Disability of 7 Days or Less.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Cases for which Awards were granted.	Compensations.		Medical and Hospital Expenses.		Number of Cases for which Medical and Hospital Expenses were Allowed.	Total Medical and Hospital Expenses Allowed.
				Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Granted.	Total Medical and Hospital Expenses Awarded.		
XXV. WAREHOUSES AND STORES — Continued.									
9. Butchers—meat or provision stores (no butchering or rendering).....	20	514.54	13	12	268.29	13	199.25	7	47.00
10. Carriage repositories and sales rooms.....	6	155.00	3	3	45.00	3	99.00	8	11.00
11. Clerical and office employees—									
a. Having no duties outside of office.....	56	1,912.87	39	37	1,164.77	36	649.60	17	98.50
b. Having part duties outside of office.....	44	772.57	25	20	478.47	18	218.10	19	76.00
12. Club houses (not athletic, country or yacht club).....	13	170.86	6	6	87.86	6	50.00	7	38.00
13. Commission merchants.....	1	16.00						1	16.00
14. Country clubs.....	7	135.00	4	4	77.00	4	95.00	3	13.00
15. Country clubs.....	2	65.00	2	2	35.00	2	30.00		
16. Department stores (store only).....	264	6,740.26	118	99	2,181.76	110	2,935.85	151	622.45
17. Furniture dealers (including bedding, clothing, hosiery, silvers, etc.).....	109	2,722.98	66	58	1,640.73	63	886.75	43	246.50
18. Glass merchants (including bedding, clothing, hosiery, silvers, etc.).....	93	1,675.88	39	37	860.68	39	535.20	54	280.00
19. Hardware stores (not machinery dealers).....	91	2,219.88	47	47	1,323.03	44	631.00	44	235.85
20. Hay, straw, feed, grain, cotton weighers, inspectors, graders and watchmen.....	2	47.00	1	1	26.00	1	19.00	1	2.00
21. Hospitals.....	11	298.80	8	8	198.80	7	59.00	3	36.00
22. Hospitals (veterinary surgeons).....	1	3.00						1	3.00
23. Hotels (excluding laundry).....	191	5,242.72	117	106	2,517.72	108	2,222.00	74	508.00

36. Importers and dealers in goat and sheep skins.....	9	6 00	71	68	1,310 77	66	764 50	2	0 00
37. Marketers.....	91	2,349 77	71	68				20	139 50
38. Milk dealers (store or depot only, including delivery).....	8	138 00	5	4	88 00	4	48 00	2	17 00
39. Off-licence stores.....	8	50 00	2	2	16 00	2	39 00	3	5 00
40. Poultry buildings and work.....	128	2,704 84	60	56	1,890 49	56	962 35	68	363 00
41. Poultry dealers (including killing).....	17	230 50	6	4	144 76	6	77 76	2	8 00
42. Real estate employees.....	33	800 87	14	14	579 37	14	307 80	8	10 00
43. Restaurants.....	1	100 00	1	1	48 00	1	53 00		
44. Retail stores (not otherwise classified).....	162	2,929 87	86	76	1,833 27	81	1,185 60	65	408 00
45. Stores (general).....	380	8,732 42	183	171	4,742 42	168	2,688 95	147	389 00
46. Theatre and exposition building employees.....	132	3,188 76	70	63	1,735 86	64	1,100 41	62	362 50
47. Tobacco retailers.....	48	1,800 98	19	18	732 98	16	318 50	29	129 50
48. Wholesale stores (not otherwise classified).....	61	2,560 80	49	48	1,699 72	49	820 78	13	38 00
49. Wholesale and retail stores (not otherwise classified).....	268	7,925 84	144	137	4,800 89	135	2,544 55	114	580 40
50. Y. M. C. A. and Y. W. C. A. institutions.....	265	6,739 92	145	134	3,613 27	137	2,527 00	120	599 06
51. Total.....	2,487	\$63,742 29	1,378	1,269	\$35,208 10	1,291	\$22,530 74	1,109	\$6,003 45
52. 1. Agricultural implement stores.....	130	\$3,193 22	68	64	\$1,746 89	64	\$1,185 43	62	\$310 90
53. 2. Bottles, (second-hand) dealers in.....	3	78 00	3	3	37 00	3	41 00		
54. 3. Building material dealers (yard work only).....	113	3,784 96	76	69	2,416 71	70	1,124 75	87	243 50
55. 4. Coal merchants (receiving or shipping by water or by land and water).....	47	1,549 62	29	25	1,066 87	27	428 50	13	54 25
56. 5. Coal merchants (receiving and shipping by land but not by water).....	222	6,438 41	161	144	4,170 71	158	2,025 10	61	242 60
57. 6. Hay, straw and feed dealers.....	22	813 86	17	16	573 86	15	210 50	5	25 00
58. 7. Hide and leather dealers.....	5	130 00	5	5	79 00	5	86 00		
59. 8. Rag and paper stock dealers.....	37	830 61	19	17	390 61	19	829 00	18	146 00
60. 9. Rubber stock dealers.....	3	68 00	1	1	40 00	1	10 00	2	18 00
61. 10. Rubber tire dealers.....	2	19 00	2	2	14 00	2	5 00		
62. 11. Scrap iron dealers.....	285	5,832 60	134	115	3,211 37	132	2,282 30	101	439 00
63. 12. Storage (general).....	106	2,814 07	65	57	1,613 42	62	1,016 50	41	134 15
64. 13. Warehouse (general).....	59	2,613 42	37	32	1,626 97	36	880 75	22	110 50
65. Total.....	994	\$23,320 77	617	550	\$16,961 84	594	\$9,545 03	367	\$1,773 90
66. 1. Barrel, keg, pail and tub mfrs.—	87	\$727 81	24	21	\$452 81	24	\$322 00	13	\$43 00
67. 2. Basket mfrs.....	196	2,862 53	80	73	1,867 08	79	783 00	46	202 75
68. 3. Bee hive mfrs.....	21	898 19	20	19	576 14	20	299 75	1	22 00
69. 4. Bellows mfrs.....	49	617 26	17	15	371 26	17	169 50	32	76 50
70. 5. Total.....	1	32 00	1	1	21 00	1	12 00		

XXV-A. COAL MERCHANTS, STORAGE COMPANIES, SCRAP IRON DEALERS, ETC.—

XXVI. WOOD—

1. Barrel, keg, pail and tub mfrs.—
 - a. Making heads, staves, etc.
 - b. Assembling only
2. Basket mfrs.
3. Bee hive mfrs.
4. Bellows mfrs.

43. Organ (pipe or church) builders.....	7	129 00	7	114 00	7	51 00	1	14 50
44. Piano mfrs. (not made of wood) mfrs.....	25	523 71	16	325 00	10	157 00	20	41 00
45. Piano mfrs. (made of wood) mfrs.....	60	1,093 35	84	560 40	31	430 00	20	103 50
46. Picture frame mfrs.....	12	324 40	12	190 15	12	124 25		
47. Pulley block (wood) mfrs.....	1	16 00	1	10 00	1	6 00		
48. Pump (wood) mfrs.....	6	77 78	2	43 08	2	19 25	4	14 50
49. Refrigerator mfrs. (shop only).....	17	174 87	10	78 57	8	71 00	7	25 00
50. Refrigerator mfrs. (shop only).....	1	8 00					1	8 00
51. Screen mfrs. (window or door).....	20	547 21	10	300 71	9	114 00	10	72 60
52. Shade roller mfrs.....	7	141 88	2	62 85	2	42 00	6	37 00
53. Show case mfrs.....	82	598 80	13	270 60	13	259 50	19	66 50
54. Tank (wood) builders (shop only).....	1	4 00					1	4 00
55. Toy (wood) mfrs.....	16	149 14	9	85 14	6	42 00	7	22 00
56. Trunk (wood) mfrs. of (including metal frames and fittings).....	1	17 43	1	9 43	1	8 00		
57. Veneer package mfrs (fruit and vegetable, baskets, butter dishes, etc.).....	5	183 57	2	74 43	2	102 14	3	7 00
58. Veneer seat mfrs. (not veneer mfrs.).....	6	134 00	4	75 00	4	54 00	1	5 00
59. Washboard mfrs.	7	114 27	6	85 77	6	26 50	1	2 00
60. Washing machines and clothes wringers mfrs.	31	323 63	11	137 37	18	124 75	18	65 50
61. Wheel barrow (wood) mfrs.....	8	105 21	6	60 71	5	30 00	2	14 50
62. Whip mfrs.	2	14 53	1	6 43	1	4 60	1	4 00
63. Wood turners	167	2,126 48	88	1,512 98	74	381 25	84	232 25
Total	1,870	\$34,300 45	975	\$20,612 74	868	\$10,182 07	885	\$5,475 75
Abstract	152	\$2,124 00	68	\$1,004 00	62	\$773 00	89	\$347 00
Grand Total	69,124	\$1,425,236 33	32,334	\$566,999 19	30,521	\$437,325 50	36,790	\$130,908 74

TABLE III—Continued.

D. TEMPORARY DISABILITY—Claims Against Employers Carrying Self-Insurance Under the State Plan.

Industry Class and Sub-Class.	Grand Total Number of Claims for which Awards were Granted.	Temporary Disability for more than 7 Days.			Total Number of Cases Involving a Dis- ability of 7 Days or Less.
		Number of Claims for which Awards were Granted.	Compensation.		
			Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	
I. BAKERS, CONFECTIONERS, ETC.	31	22	22	\$1,307 33	9
II. CHEMICALS, PAINTS AND DRUGS	271	114	114	3,787 58	157
III. COACHES, CARRIAGES AND WAGONS	1,320	378	378	8,033 80	242
IV. COAL MINING	1,002	578	574	16,283 98	514
V. CONTRACTING	2,481	1,080	1,071	46,129 08	1,401
VI. ELECTRICAL	788	389	385	20,984 59	390
VII. LEATHER GOODS AND SHOES	5	3	3	90 87	2
VIII. LUMBER	45	30	30	961 56	15
IX. MEAT PACKING AND STOCK YARDS	199	74	74	1,066 56	122
X. METAL	13,855	6,043	6,018	153,902 96	7,812
XI. MILLING	70	23	23	1,305 29	47
XIII. MISCELLANEOUS	390	116	116	4,019 72	274
XIII-A. SPIRIT MFRS., SPIRIT MER- CHANTS, ETC.	28	16	16	537 52	12
XIII-B. LAUNDRIES, ICE COMPANES, GAS WORKS, ETC.	314	126	124	3,400 12	188
XIII-C. HIGH EXPLOSIVES	28	16	16	290 43	12
XIII-D. DRAYAGE AND TRANSFER COMPANIES	77	49	49	1,573 90	28
XIII-E. RAILWAY COMPANIES	1,658	698	695	21,324 93	980
XIV. OILS, ETC.	97	35	35	992 24	62
XV. ORE REDUCTION AND CON- CENTRATION	1,104	509	507	17,261 31	595
XVI. PAPER	42	22	22	858 57	20
XVII. POTTERY AND GLASS	174	83	82	3,085 46	91
XVIII. PRINTING	46	28	28	1,984 29	18
XIX. RUBBER AND COMPOSITION GOODS	1,505	467	467	14,546 20	1,038
XX. STEVEDORING	124	60	59	3,175 33	64
XXI. STONE	565	258	255	6,238 29	307
XXII. TEXTILES	20	11	11	344 00	9
XXIII. TOBACCO	35	8	8	170 00	27
XXIV. VESSELS	8	6	6	147 17	2
XXV. WAREHOUSES AND STORES	287	120	119	2,584 34	167
XXV-A. COAL MERCHANTS, STORAGE CO.'S, SCRAP IRON DEALERS, ETC.	58	30	30	1,145 00	23
XXVI. WOOD	32	14	14	408 71	18
ABSTRACT	4				4
Total	26,695	11,356	11,302	\$337,853 00	15,339

TABLE III—Continued.
D. TEMPORARY DISABILITY—Claims of Public Employees.

Industry Class and Sub-class.	Grand Total.		Temporary Disability for More Than 7 Days.				Temporary Disability of 7 Days or Less.	
	Number of Claims for which Awards were granted.	Total Amount Awarded.	Number of Cases for which Awards were granted.	Compensation.		Medical and Hospital Expenses.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Total Medical and Hospital Expenses Allowed.
				Number of Cases for which Compensation was Awarded.	Amount of Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Granted.		
Public Employees	970	\$48,649 87	745	681	\$38,880 79	697	225	\$1,697 25

TABLE III—Concluded.

D. TEMPORARY DISABILITY—Claims Arising Under Section 27 of the Workmen's Compensation Act.

Section 27	168	\$15,820 83	163	157	\$10,746 82	155	5	\$25 50
Grand Total (all classes of Insurance)	90,952	\$1,831,960 12	44,563	41,416	\$1,234,479 80	31,873	52,860	\$132,531 49

TABLE IV—CLASSIFIED AWARDS AND TOTAL AMOUNT AWARDED IN CLAIMS FOR DEATH

[Awards for the 18 claims for permanent total disability allowed during this period are not included in this table. The amount which will eventually be paid to the claimants is included in the total amount awarded.]

A. FATAL CASES—CLAIMS FOR DEATH

Industry Class.	Death Benefits.								Compensation in cases where death was not immediate and in which death benefit was not awarded prior to June 30, 1919.		
	Number of Awards.	Number of awards of each classified amount.							Total amount awarded.	Number of awards.	Total amount awarded.
		Under \$1,000	\$1,000 and under \$1,500	\$1,500 and under \$2,000	\$2,000 and under \$2,500	\$2,500 and under \$3,000	\$3,000 and under \$3,500	\$3,500 and over.			
I. Bakers, confectioners, etc.	1					1		\$2,911 00			
II. Chemicals, paints and drugs	1				1			2,496 00			
III. Coaches, carriages and wagons	2							7,885 00	1	\$77	
IV. Coal Mining	52	8	1	3	11	13	9	12	141,622 48		
V. Contracting	78	8	4	7	14	9	9	32	220,956 68	1	\$6
VI. Electrical	11	2	1	1	1	1	2	3	26,411 04		
VII. Leather goods and shoes	1							1	3,223 00		
VIII. Lumber	17		3	1	7	2	1	3	40,999 84		
IX. Meat packing and stock yards	2					1		1	6,674 00		
X. Metals	60	1	2	6	10	11	10	20	171,948 60	1	\$97
XI. Milling	5				1	1	3		15,101 00		
XII. Mining (except coal)	2	1						1	4,368 00		
XIII. Miscellaneous	4	1		1	1	1			7,269 00		
XIII-A. Spirit mfrs., spirit merchants, etc.	15				3	1	2	9	49,695 40		
XIII-B. Laundries, ice companies, gas works etc.	4		1	1		1		1	9,048 04		
XIII-D. Drayage and transfer companies, etc.	4	2					2		7,721 80		
XIII-E. Railway companies	9			2		1	3	3	26,649 64	1	\$20
XIV. Oils, etc.	2					1		1	6,667 00		
XV. Ore reduction and concentration	11			1	3	3	2	2	30,141 92		
XVI. Paper	10				3	3	4		28,004 98		
XVII. Pottery and glass	12			1	7	1		3	31,830 00		
XVIII. Printing	2				1			1	6,240 00		
XIX. Rubber and composition goods	1							1	3,744 00		
XXI. Stone	10		3	4	2		1		19,063 00		
XXII. Textiles	1				1				2,184 00		
XXV. Warehouses and stores	17	2		1	4	3	4	3	46,018 98		
XXV-A. Coal merchants, storage companies, scrap iron dealers, etc.	7					3	1	3	22,753 98		
XXVI. Wood	5			3	2				9,915 36		
Total	846	15	15	32	72	57	64	101	950,088 68	4	\$6

OF EACH DEGREE OF DISABILITY, DURING THE EIGHTEEN MONTHS ENDING 1915.

compensation for permanent total disability continues during the life-time of the injured employee. The total amount in claims of this class is unknown.]

against the State Insurance Fund.

Medical and Hospital Expenses.										Funeral Expenses.						
Number of Claims Awarded.	Number of Awards of Each Classified Amount.									Total Amount Awarded.	Number of Claims Allowed.	Number of Awards of Each Classified Amount.				Total Amount Awarded.
	Less than \$5.	\$5 and under \$10.	\$10 and under \$25.	\$25 and under \$50.	\$50 and under \$75.	\$75 and under \$100.	\$100 and under \$150.	\$150 and under \$200.	\$200.			Less than \$100.	\$100 and under \$125.	\$125 and under \$150.	\$150.	
1	1									\$2 00	2			1	1	\$299 00
1						1				97 00	1			1		142 92
3						1		1	1	477 29	3	1			2	365 00
40	10	9	4	7	6		8		2	2,812 25	102	8	19	22	53	18,720 96
70	18	7	15	9	9	5	5		2	2,812 25	102	8	19	22	53	18,720 96
12	5	1	3		1	1	1			269 50	12		1	4	7	1,722 86
1						1				75 00	1			1		134 80
14	2	3	4		3	2				427 25	18	5	8	4	6	2,061 68
2	1		1							16 00	2			1	1	292 00
64	5	15	10	11	7	2	10	1	3	3,562 60	73	5	9	13	46	10,189 60
4		1		1	1	1		1		267 00	5			1	4	744 50
2	1				1	1				56 00	2			1	1	275 00
4	1	1			1				1	257 00	5		1	1	3	695 15
19	2		2	3	2	3				519 00	16		1	5	10	2,310 65
6	1	3				1	1			255 50	6	1		1	4	816 75
4			2	1	1					125 00	4		1	1	2	584 00
11	1	2	2	4			1		1	524 28	12	2	1	1	8	1,613 65
4	2					2				168 30	4			3	1	546 50
12	2	2	5	1	1		1			337 45	18	2	2	5	4	1,662 00
10	1	1	2	1	2	2			1	583 20	10			1	9	1,477 00
15	6	3	1		1	1	1	1	2	692 00	16	3	1	6	6	2,116 05
4	1				1			2		471 40	4	1	1		2	485 60
1			1							10 00	1				1	150 00
11			3	4	1		1	1	1	791 45	16	1	1	4	10	2,257 75
1		1								9 00	1				1	150 00
15	4		4	5	2			2	1	945 00	22	2		3	17	3,166 50
6	1		1	1			2	1		501 00	9	1		1	7	1,264 50
7			3	1	2	1				269 80	8	1	1	2	4	1,143 00
24	65	49	63	49	41	28	26	9	15	\$15,979 42	429	41	59	97	232	\$56,028 79

TABLE IV — Continued.
A. FATAL CASES — Claims Against Employers Carrying Self-Insurance Under the State Plan.

Industry Class.	Death Benefits.						Compensation in Cases where Death was not immediate, and in which Death Benefit was not Awarded prior to June 30, 1915.				Funeral Expenses.					
	Number of Awards.	Number of Awards of each Classified Amount.					Number of Awards.	Number of Awards of each classified Amount.			Number of Awards.	Number of Awards of each classified Amount.				
		Total Amount Awarded.						Un-der \$1,000	\$100 and under \$125	\$125 and under \$150		Total Amount Awarded.				
		\$1,000 and under \$1,500	\$1,500 and under \$2,000	\$2,000 and under \$2,500	\$2,500 and under \$3,000	\$3,000 and over.										
II. Chemicals, paints and drugs	2				1		\$6,664 96				2			1		\$281 10
III. Coaches, carriages and wagons	1					1	3,744 00								1	159 15
IV. Coal mining	4	1	1			1	9,668 00				1	2			1	724 00
V. Contracting	26	1	2	2	4	5	71,036 00	1	\$91 00		28	1	9	5	13	3,821 99
VI. Electrical	9	2		3		1	22,768 00	1	276 00		10				10	1,798 88
VII. Lumber	81	1					2,432 80				90					150 00
VIII. Metal	3	1	3	2	13	3	84,746 43	1	221 00		3		1	8	21	4,800 64
IX. Miscellaneous	3	2				1	6,506 00	1	181 00		3			1	2	2,400 00
XIII-B. Laundries, ice companies, gas works, etc.	1						2,496 00				1				1	150 00
XIII-E. Railway companies	11	1		2	2		29,329 00				8		1	1	6	1,206 28
XIV. Oils, etc.	1						3,760 00				1				1	466 66
XV. Ore reduction and concentration	16	1	1		3	9	47,628 36				16	3	4	1	8	2,098 14
XVII. Pottery and glass.						1	2,000 72				1				1	122 00
XIX. Rubber and composition goods	1						3,744 00				1				1	148 00
XX. Stevedoring	3	2					4,828 00				2				1	284 90
XXI. Stone	4	1	1		1		7,141 00				3			1	2	431 50
XXII. Tobacco	1					1	3,142 00				2				1	150 00
XXIII. Vessels	1						2,468 00				1			1		150 00
XXIV. Warehouses and stores.	2	1		1			2,468 00				2	1		1		219 60
Total	118	10	10	8	11	24	\$317,718 67	4	\$760 00	(a) 118	7	17	21	78		\$17,002 38

^a This does not include 18 cases in which the funeral expense was reported paid but the amount was not given. All firms carrying self-insurance under the state plan are compelled by law to pay funeral expenses of employees fatally injured in the course of their employment up to \$150.00.

TABLE IV — Continued.

A. FATAL CASES —

Industry Class.	Death Benefits.								Total amount awarded.	Compensation in cases where death was not immediate and in which death benefit was not awarded prior to June 30, 1915	
	Number of Awards.	Number of awards of each classified amount.						Number of awards.		Total amount awarded.	
		Under \$1,000	\$1,000 and under \$1,500	\$1,500 and under \$2,000	\$2,000 and under \$2,500	\$2,500 and under \$3,000	\$3,000 and under \$3,500				\$3,500 and over.
Public employes	18	1	.....	.....	4	8	1	4	\$49,856 00	2	\$301

TABLE IV — Continued.

A. FATAL CASES — Claims Arising Under

Industry Class.	Death Benefits.								Total amount awarded.	Compensation in cases where death was not immediate and in which death benefit was not awarded prior to June 30, 1912	
	Number of Awards.	Number of awards of each classified amount.								Number of awards.	Total amount awarded.
		Under \$1,000	\$1,000 and under \$1,500	\$1,500 and under \$2,000	\$2,000 and under \$2,500	\$2,500 and under \$3,000	\$3,000 and under \$3,500	\$3,500 and over.			
Section 27	26	2	.....	8	4	5	2	7	\$68,017 96	.....	.....
Grand total (all classes of insurance)	508	28	26	46	91	98	81	144	1,386,181 81	10	\$1,715

TABLE IV — Continued.

Claims of Public Employees.

Medical and Hospital Expenses.											Funeral Expenses.					
Number of Claims Allowed.	Number of Awards of Each Classified Amount.									Total Amount Awarded	Number of Claims Allowed.	Number of Awards of Each Classified Amount.				Total Amount Awarded
	Less than \$5.	\$5 and under \$10.	\$10 and under \$25.	\$25 and under \$50.	\$50 and under \$75.	\$75 and under \$100.	\$100 and under \$150.	\$150 and under \$200.	\$200.			Less than \$100.	\$100 and under \$125.	\$125 and under \$150.	\$150.	
20	5	6	3	1	1	3	1	.....	.....	\$623 50	25	5	3	4	18	\$3,212 90

TABLE IV — Continued.

Section 27 of the Workmen's Compensation Act.

Medical and Hospital Expenses.											Funeral Expenses.					
Number of Claims Allowed.	Number of Awards of Each Classified Amount.									Total Amount Awarded	Number of Claims Allowed.	Number of Awards of Each Classified Amount.				Total Amount Awarded
	Less than \$5.	\$5 and under \$10.	\$10 and under \$25.	\$25 and under \$50.	\$50 and under \$75.	\$75 and under \$100.	\$100 and under \$150.	\$150 and under \$200.	\$200.			Less than \$100.	\$100 and under \$125.	\$125 and under \$150.	\$150.	
17	2	3	4	4	2	.....	.....	1	1	\$766 00	(a) 25	5	9	6	5	\$3,015 07
377	72	58	70	54	44	26	27	10	16	\$17,868 92	597	58	88	128	323	\$81,859 09

^a This does not include one case in which the funeral expenses were reported paid but amount was not given.

TABLE IV—Continued.
B. PERMANENT PARTIAL DISABILITY—Claims Against the State Insurance Fund.

Industry Class.	Compensation.					Medical and Hospital Expenses.							
	Number of Claims for which Compensation was Granted.	Number of Compensation Awards of each Classified Amount.				Total Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Number of Medical and Hospital Awards for each Classified Amount.					
		Less than \$100.	\$100 and under \$200.	\$200 and under \$500.	\$500 and under \$1000.			\$1000 or over.	Less than \$10.	\$10 and under \$25.	\$25 and under \$50.	\$50 or over.	
I. Bakers, confectioners, etc.	27	8	4	12	1	2	98,314 50	27	1	10	7	9	\$1,319 50
II. Chemicals, paints and drugs.	10	2	3	2	1	2	5,996 33	9	3	3	2	4	809 00
III. Coaches, carriages and wagons.	86	20	19	25	15	6	30,419 81	78	3	38	18	19	3,857 80
IV. Coal mining.	81	16	16	25	14	10	34,587 98	81	11	32	19	19	3,640 51
V. Contracting.	146	26	31	41	25	21	66,103 72	136	14	49	23	50	7,382 08
VI. Electrical.	4	...	...	...	...	2	2,995 00	4	...	...	...	...	...
VII. Leather goods and shoes.	34	9	6	16	1	3	8,360 45	34	6	13	12	3	1,236 25
VIII. Lumber.	117	18	24	41	22	12	48,414 07	112	7	54	33	18	4,086 00
IX. Meat packing and stock yards.	16	4	5	6	...	...	4,014 90	16	2	6	2	6	1,083 14
X. Metals.	767	183	181	193	145	66	290,339 42	683	62	237	166	168	31,082 06
XI. Milling.	9	2	2	4	...	1	3,167 63	8	...	...	4	3	229 00
XII. Mining, except coal.	29	7	6	7	5	4	58 33	39	...	12	7	10	1,659 15
XIII. Miscellaneous.	31	7	7	7	8	6	12,173 47	30	1	7	6	16	2,427 67
XIII-A. Spirit mfrs., spirit merchants, etc.	...	...	...	...	...	...	17,024 00	...	...	...	...	...	...
XIII-B. Laundries, ice companies, gas works, etc.	17	6	3	5	2	1	4,965 12	17	2	5	3	7	833 00
XIII-D. Drayage and transfer companies, etc.	13	6	2	3	2	1	4,055 22	11	...	3	3	5	794 55
XIII-E. Railway companies.	24	1	3	...	1	3	4,574 58	8	...	2	1	6	753 80
XIV. Oils, etc.	20	6	1	6	4	1	6,965 25	24	2	11	3	8	1,217 31
XV. Ore reduction and concentration.	49	11	5	10	2	4	9,698 97	49	2	6	4	8	1,147 06
XVI. Paper.	26	11	16	16	4	3	14,140 77	20	2	24	9	14	2,065 06
XVII. Pottery and glass.	68	14	14	21	11	8	23,904 45	64	9	24	11	20	3,135 80
XVIII. Printing.	30	7	10	10	2	1	7,757 97	30	8	18	6	3	993 85
XIX. Rubber and composition goods.	51	10	14	14	9	5	20,688 55	31	1	8	10	12	1,866 45
XX. Stevedoring.	1	...	...	...	...	...	730 00	1	...	...	...	...	...
XXI. Stone.	43	5	5	14	1	10	21,821 54	40	3	13	11	13	2,197 40
XXII. Textiles.	17	5	5	3	4	...	5,187 55	15	2	5	5	3	684 45
XXIII. Tobacco.	1	1	...	...	...	...	86 00	1	...	...	...	...	9 00
XXV. Warehouses and stores.	46	12	13	13	...	7	17,868 98	48	1	12	12	13	1,914 25

XXV-A. Coal merchants, storage companies, scrap iron dealers, etc.....	31	7	8	13	3	.....	7,839 76	31	4	13	10	4	1,074 80
XXVI. Wood	107	31	22	33	16	5	24,069 50	89	9	44	24	13	2,733 40
Abstract	4	1	.....	1	1	1	2,183 00	4	.....	2	.....	2	181 00
Total	1,835	435	480	541	309	179	3713,490 67	1,726	151	705	411	459	380,494 30

TABLE IV — Continued.

B. PERMANENT PARTIAL DISABILITY — Claims Against Employers Carrying Self-Insurance Under the State Plan.

Industry Class.	Number of Claims for which Compensation was Granted.	Compensation.					Total Compensation Awarded.
		Number of Compensation Awards of each Classified Amount.					
		Less than \$100.	\$100 and under \$200.	\$200 and under \$500.	\$500 and under \$1000.	\$1000 or over.	
I. Bakers, confectioners, etc.	1				1		\$780 00
II. Chemicals, paints and drugs	10	3	2	3	2		2,762 16
III. Coaches, carriages and wagons	20	8	10	7	2	2	7,712 14
IV. Coal mining	14	2	1	4	4	3	8,020 67
V. Contracting	36	3	8	9	8	8	22,490 36
VI. Electrical	7		2		3	2	7,868 00
VIII. Lumber	3			1	2		1,796 37
IX. Meat packing and stock yards	2		1			1	1,549 00
X. Metal	250	61	66	64	35	34	100,178 28
XI. Milling	1			1		1	1,200 00
XIII. Miscellaneous	8	1	3	2		2	4,497 84
XIII-A. Spirit mfrs., spirit merchants, etc.	1				1		500 00
XIII-B. Laundries, ice companies, gas works, etc.	8	1	1	3	1	2	4,535 00
XIII-C. High explosives	2		2				265 00
XIII-D. Drayage and transfer companies, etc.	1		1				149 00
XIII-E. Railway companies	17	4	1	8	2	2	8,217 80
XIV. Oils, etc.	1		1				280 00
XV. Ore reduction and concentration	26	3	7	6	2	8	20,114 42
XVI. Paper	1			1			240 00
XVII. Pottery and glass	2				1	1	1,777 70
XIX. Rubber and composition goods	12	3	1	1	4	3	9,430 72
XX. Stevedoring	3	1	1		1		823 00
XXI. Stone	16	3	6	1	5	1	6,353 28
XXV. Warehouses and stores	6	2	1	1	1	1	2,369 00
XXV-A. Coal merchants, storage companies, scrap iron dealers, etc.	1					1	1,000 00
XXVI. Wood	1			1			200 00
Total	468	95	114	113	75	72	\$223,539 91

TABLE IV — Continued.
B. PERMANENT PARTIAL DISABILITY — Claims of Public Employees.

Industry Class.	Compensation.						Medical and Hospital Expenses.						
	Number of Claims for which Compensation was Granted.	Number of Compensation Awards of each Classified Amount.				Total Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Number of Medical and Hospital Awards of each Classified Amount.			Total Medical and Hospital Expenses Allowed.		
		Less than \$100.	\$100 and under \$200.	\$200 and under \$500.	\$500 and under \$1000.			Less than \$10.	\$10 and under \$25.	\$25 and under \$50.			
			5	8	6				4	4	9	6	10
Public Employees	29					\$11,466 98	29						\$1,970 90

TABLE IV — Continued.
B. PERMANENT PARTIAL DISABILITY — Claims Arising Under Section 27 of the Workmen's Compensation Act.

Industry Class.	Compensation.					Medical and Hospital Expenses.						
	Number of Claims for which Compensation was Granted.	Number of Compensation Awards of each Classified Amount.				Total Compensation Awarded.	Number of Cases for which Medical and Hospital Expenses were Allowed.	Number of Medical and Hospital Awards of each Classified Amount.				Total Medical and Hospital Expenses Allowed.
		Less than \$100.	\$100 and under \$200.	\$200 and under \$500.	\$500 and under \$1000.			Less than \$10.	\$10 and under \$25.	\$25 and under \$50.	\$50 or over.	
			3	8	9	7	4		29	2		7	6	14
Section 27	31					\$16,510 00	29					\$1,708 35
Grand Total (all classes of Insurance)	2,413	529	560	668	397	\$905,006 56	1,784	187	721	423	483	\$84,103 55

^a This does not include 4 cases in which final application for compensation was not made.

XVIII. Printing	351	66	59	185	59	95	7	8,298 03	287	80	115	162	26	12	5,410 88
XIX. Rubber and composition goods	769	71	143	302	155	79	19	18,948 48	590	116	197	201	82	14	6,767 10
XX. Stevedoring	70	3	11	29	16	8	4	2,626 79	65	6	30	19	82	14	1,153 35
XXI. Stone	544	51	36	201	113	50	32	17,115 95	679	123	217	115	87	23	8,014 09
XXII. Textiles	361	63	39	117	62	24	6	6,994 55	353	64	162	182	83	8	4,526 28
XXIII. Tobacco	50	8	12	31	7	2	.....	1,156 17	54	14	21	17	2	.....	627 15
XXIV. Vessels	36	2	7	11	8	5	3	1,310 21	37	2	14	13	7	1	555 00
XXV. Warehouses and stores..	1,269	164	265	440	241	107	52	36,208 10	1,291	192	865	507	139	58	22,530 74
XXV-A. Coal merchants, storage companies, scrap iron dealers, etc.	550	57	129	188	86	61	29	16,961 94	594	87	218	208	55	28	9,545 08
XXVI. Wood	901	106	205	326	170	73	21	20,642 74	858	148	329	308	52	21	10,182 07
Abstract	55	6	13	22	2	2	.....	1,004 00	62	12	20	22	7	1	778 00
Total	29,276	8,269	5,532	10,365	5,968	2,871	1,231	866,999 09	30,521	5,953	10,947	10,104	2,390	1,127	\$437,823 50

TABLE IV — Continued.
C. TEMPORARY DISABILITY FOR MORE THAN SEVEN DAYS — Claims Against Employers Carrying Self-Insurance Under the State Plan.

Industry Class.	Number of claims for which compensation was awarded.	Compensation.						Total compensation awarded.
		Number of compensation awards of each classified amount.						
		Less than \$5.	\$5 and under \$10.	\$10 and under \$25.	\$25 and under \$50.	\$50 and under \$100.	\$100 or over.	
I. Bakers, confectioners, etc.....	23	3	7	4	2	2	4	\$1,307 33
II. Chemicals, paints and drugs.....	114	24	19	27	23	9	7	3,787 58
III. Coaches, carriages and wagons.....	378	60	77	153	56	27	5	8,033 80
IV. Coal mining.....	574	88	113	187	99	63	24	16,233 93
V. Contracting.....	1,071	127	170	318	218	147	91	46,129 08
VI. Electrical.....	885	8	13	98	131	46	44	20,984 89
VII. Leather goods and shoes.....	3	.....	.....	.....	.....	.....	.....	90 87
VIII. Lumber.....	30	4	7	8	6	3	2	951 56
IX. Meat packing and stock yards.....	74	9	20	34	9	2	2	1,066 56
X. Metals.....	6,018	1,001	1,363	1,949	1,006	488	209	153,962 96
XI. Milling.....	23	.....	3	7	7	2	4	1,305 20
XII. Miscellaneous.....	116	23	20	34	19	10	10	4,019 72
XIII-A. Spirit mfrs., spirit merchants, etc.....	16	.....	2	6	4	4	1	337 52
XIII-B. Laundries, ice companies, gas works, etc.....	124	12	19	44	31	13	5	3,460 12
XIII-C. High explosives.....	16	4	3	4	4	1	.....	290 43
XIII-D. Drayage and transfer companies, etc.....	49	3	10	12	10	14	.....	1,673 90
XIII-E. Railway companies.....	695	89	121	218	156	77	34	21,324 93
XIV. Oils, etc.....	35	6	5	9	10	5	1	992 34
XV. Ore reduction and concentration.....	507	96	9	146	100	43	34	17,261 31
XVI. Paper.....	22	8	6	2	3	1	2	858 57
XVII. Pottery and glass.....	82	8	21	20	18	7	8	3,085 46
XVIII. Printing.....	23	3	.....	7	7	9	2	1,934 29
XIX. Rubber and composition goods.....	467	12	12	211	109	45	18	14,546 20
XX. Stevedoring.....	59	6	8	21	11	9	4	3,176 33
XXI. Stone.....	266	48	49	88	45	18	8	6,258 29
XXII. Textiles.....	11	1	.....	3	2	3	.....	344 00
XXIII. Tobacco.....	8	.....	.....	.....	.....	.....	.....	170 00
XXIV. Vessels.....	6	.....	.....	.....	.....	.....	.....	147 17
XXV. Warehouses and stores.....	119	19	25	40	22	12	1	2,684 84
XXV-A. Coal merchants, storage companies, scrap iron dealers, etc.....	30	.....	5	10	8	5	2	1,145 00
XXVI. Wood.....	14	.....	6	3	2	3	.....	408 71
Total.....	11,802	1,651	2,267	3,664	2,131	1,069	590	\$387,883 60

Industry Class.	Compensation.						Medical and Hospital Expenses.							
	Number of claims for which compensation was awarded.	Number of Compensation awards of each classified amount.					Total compensation awarded.	Number of cases for which medical and hospital expenses were allowed.	Number of medical and hospital awards of each classified amount.			Total medical and hospital expenses allowed.		
		Less than \$5.	\$5 and under \$10.	\$10 and under \$25.	\$25 and under \$50.	\$50 and under \$100.			Less than \$5.	\$5 and under \$10.	\$10 and under \$25.		\$25 and under \$50.	\$50 or over.
Public employees	681	54	90	188	181	59	\$28,880 79	697	88	207	264	99	44	\$18,071 88

C. TEMPORARY DISABILITY FOR MORE THAN SEVEN DAYS—Claims Arising Under Section 27 of the Workmen's Compensation Act.

Industry Class.	Compensation.						Medical and Hospital Expenses.							Total medical and hospital expenses allowed.	
	Number of claims for which compensation was awarded.	Number of Compensation awards of each classified amount.					Total compensation awarded.	Number of cases for which medical and hospital expenses were allowed.	Number of medical and hospital awards of each classified amount.						
		Less than \$5.	\$5 and under \$10.	\$10 and under \$25.	\$25 and under \$50.	\$50 and under \$100.			\$100 and over.	Less than \$5.	\$5 and under \$10.	\$10 and under \$25.	\$25 and under \$50.		\$50 and over.
Section 27	157	6	9	31	43	83	36	\$10,746 82	155	20	35	50	80	20	\$4,548 50

TABLE IV—CLASSIFIED AWARDS AND TOTAL AMOUNT AWARDED
IN CLAIMS OF EACH DEGREE OF DISABILITY, DURING THE
EIGHTEEN MONTHS ENDING JUNE 30, 1915.

**D. TEMPORARY DISABILITY FOR SEVEN DAYS OR LESS—Claims
Against the State Insurance Fund.**

Industry Class.	Number of cases for which medical and hospital expenses were allowed.	Number of medical and hospital awards of each classified amount.					'Total medical and hospital expenses allowed.
		Less than \$1.	\$1 and under \$2.	\$2 and under \$5.	\$5 and under \$10.	\$10 or over.	
I. Bakers, confectioners, etc.	247	2	18	111	88	28	\$1,271 75
II. Chemicals, paints and drugs	150	1	24	75	34	16	724 50
III. Coaches, carriages and wagons	2,182	6	551	1,125	425	75	7,295 58
IV. Coal mining	239	1	51	126	49	10	853 95
V. Contracting	2,628	4	416	1,333	709	166	11,107 36
VI. Electrical	120	.....	15	60	38	7	540 00
VII. Leather goods and shoes	450	3	87	234	106	20	1,685 65
VIII. Lumber	664	2	73	348	196	46	2,947 85
IX. Meat packing and stock yards	150	.....	9	75	54	12	707 25
X. Metals	19,256	133	6,383	9,018	3,077	645	58,967 12
XI. Milling	77	2	8	38	22	7	\$58 50
XII. Mining, except coal	39	2	9	19	8	1	121 50
XIII. Miscellaneous	560	5	62	311	152	30	2,240 50
XIII-A. Spirit mfrs., spirit merchants, etc.	448	4	27	238	143	36	2,157 21
XIII-B. Laundries, ice companies, gas works, etc.	372	1	25	156	143	47	2,040 00
XIII-C. High explosives	2	.....	.....	1	1	.....	9 00
XIII-D. Drayage and transfer companies, etc.	268	.....	40	125	86	17	1,236 00
XIII-E. Railway companies	193	.....	35	102	41	15	839 00
XIV. Oils, etc.	344	1	22	201	90	30	1,608 05
XV. Ore reduction and concentration	1,130	3	507	456	148	17	2,836 00
XVI. Paper	1,082	2	150	601	281	48	4,134 90
XVII. Pottery and glass	1,607	1	167	813	566	60	6,925 07
XVIII. Printing	478	3	45	250	140	40	2,254 05
XIX. Rubber and composition goods	303	8	54	174	58	9	1,068 25
XX. Stevedoring	105	1	31	49	19	5	341 00
XXI. Stone	307	2	59	158	72	16	1,170 50
XXII. Textiles	863	4	96	478	239	46	3,641 35
XXIII. Tobacco	48	1	8	28	11	.....	148 25
XXIV. Vessels	18	.....	2	5	7	4	108 50
XXV. Warehouses and stores	1,106	5	76	509	380	139	6,003 45
XXV-A. Coal merchants, storage companies, scrap iron dealers, etc.	367	1	38	182	110	36	1,773 90
XXVI. Wood	895	5	135	470	193	42	3,475 75
Abstract	89	.....	17	44	21	7	347 00
Total	36,790	203	9,290	17,914	7,706	1,677	\$130,908 74

TABLE IV — Continued.

D. TEMPORARY DISABILITY FOR SEVEN DAYS OR LESS — Claims of Public Employees.

Industry Class.	Number of cases for which medical and hospital expenses were allowed.	Number of medical and hospital awards of each classified amount.					Total medical and hospital expenses allowed.
		Less than \$1.	\$1 and under \$2.	\$2 and under \$5.	\$5 and under \$10.	\$10 or over.	
Public Employees	225	2	11	88	83	41	\$1,597 25

TABLE IV — Concluded.

D. TEMPORARY DISABILITY FOR SEVEN DAYS OR LESS — Claims Arising Under Section 27 of the Workmen's Compensation Act.

Industry Class.	Number of cases for which medical and hospital expenses were allowed.	Number of medical and hospital awards of each classified amount.					Total medical and hospital expenses allowed.
		Less than \$1.	\$1 and under \$2.	\$2 and under \$5.	\$5 and under \$10.	\$10 or over.	
Section 27	5	.....	.....	2	3	.....	\$25 50

TABLE V—SUMMARY OF CAUSES OF FATAL ACCIDENTS FOR WHICH
CLAIMS WERE ALLOWED DURING THE EIGHTEEN MONTHS
ENDING JUNE 30, 1915.

(The number of fatalities ascribed to each specific accident is entered in parenthesis after description of the accident.)

ACCIDENTS DUE TO MACHINERY—

Engines—

Ammonia Compressor —

Cylinder head blew off. (1)

Gas Engines —

Fell into fly wheel of gas engine, while it was revolving. (1)

Box on which man was standing slipped. He fell into the engine, his left leg going through the fly wheel. (1)

Steam Engines —

Examining oiling system of engine. Climbed on engine and fell between fly wheel and guard. Was whirled around fly wheel and hurled against switch-board thirty-five feet away. (1)

No witnesses. Supposition is that he was wiping up in pit under fly wheel and was struck by lug on wheel. (1)

Transmission Apparatus

Cog, Gear and Friction Wheels —

Was wiping pump with rag, which caught between guard and gear and pulled fingers into gear. Tetanus developed. (1)

Wiping off gears. Caught arm and mangled it. (1)

Man was caught in gears of stone crusher. (1)

Drive Belts and Pulleys Associated with Them —

Was using stick to throw belt off pulley. Stick caught and struck him. (1)

Caught between belt and pulley, when throwing belt off with foot. Thrown into tank of boiling water. (1)

Caught between belt and pulley when attempting to put belt on while pulley was revolving at full speed. Whirled around shaft. (1)

Man was up on a ladder. A belt coupling struck him and pulled him from ladder. (1)

When last seen, was standing on top of hopper, reaching into same. It is supposed that he was caught by belt. (1)

While attempting to throw off a moving belt, stick he was using caught, and he was knocked down, falling 25 ft. (1)

Belt caught and threw him against machine when he attempted to apply grease to it. (1)

Shafts and Shaft Couplings —

Shirt caught on shafting, whirling him around it. (1)

Clothing caught on revolving shaft, whirling him around it. (1)

Caught by shaft while repairing belt. (1)

Examining screw conveyor. In leaning across driving end of conveyor, blouse caught on shaft, wrapping him around shaft. (1)

Standing on box placed on barrel to oil bearing. Fell upon shaft and was whirled around it. (1)

Oiling bearings of crusher. Clothes caught on end of head of shaft which was running elevator and were twisted around his neck. (1)

Right hand caught while holding belt off shaft while it was being repaired. Arm wrapped around shaft. (1)

Clothing caught in revolving shafting. (1)

Working at cinder mill. Clothing caught between shaft of mill and bearing, wrapping him around outlet. (1)

Sheave-Drums and Cables —

Pulling two cars of pig iron with car-pulled cable. Chain broke, hitting him in the head. (1)

Working Machines —

Boring Mill —

Stepped on revolving table of boring mill and was jammed between piece of work and housing of mill. (1)

Grinding and Polishing Machines —

Hand came in contact with wheel while grinding a piece of steel. Death from infection. (1)

TABLE V—Continued.

ACCIDENTS DUE TO MACHINERY—Continued.

- Emery wheel broke, striking his head. (1)
- Was working on emery wheel when it burst, striking him on head. (1)
- Grinding castings. Casting caught between tool rest and emery wheel which broke, a piece striking him in the head. (1)
- Grinding castings on emery wheel, when wheel broke, a piece flying in his face. (1)
- Grinding with small emery wheel which burst, striking him. (1)
- Buffing lamp part. Chuck with which he was working, slipped out of his hand, and buffing wheel threw chuck against his side. (1)
- Buffing brass shell. It slipped and cut his hand. Infection developed. (1)
- Grinding bolt on emery wheel. Bolt caught on wheel and pinched finger between wheel and tool rest. Infection resulted in death. (1)
- Crushed between drum of table and wall of plate glass grinding machine. (1)

Mills and Mixers—

- No witnesses. Operated a tumbler. Probably threw belt to stop machine, was caught in some way, fell on top of barrel and was carried half-way round and pinned against the wall. (1)
- Fell into dry pan in brick plant. (1)

Mining Machines—

- Jack boot flew off mining machine with such force as to produce fatal results. (1)
- Caught by mining machine run wild. (1)

Paper Machinery—Miscellaneous—

- Backed against winder mandrel. Clothes caught, throwing him to floor. (1)

Planers—

- Board was kicked back by planer, striking man's side. Ribs fractured, puncturing lung. (1)

Power Hammers—

- On top of pile driver leads, when pile driver fell over, and he was thrown on pile of steel sheets. (1)

Rolls and Calenders—

- Caught in rolls of paper machine. (1)
- Struck by flying scale from ingot which was passing through rolls. Jugular vein severed. (1)
- Man, whose duty it was to clean cinder out of hole where ingot is dumped on bloom table, stepped into mill, was struck by bar coming from rolls. (1)

Saws—

- Struck in abdomen by piece of wood kicked back by a saw. (1)
- Clothing caught in saw when he started it, pulling him in. (1)
- Ripping a piece of wood when glove caught, and hand was drawn in saw, necessitating amputation. Choked to death when coming out from under anaesthetic. (1)

Shears—

- Shearing piece of hard steel mistaken for soft steel. When a piece from shear blade broke out, Jugular vein severed. (1)

Steam Shovels—

- Lock on ditching machine failed to work, and bucket struck him upon the head. (1)

*Hoisting Apparatus***Conveyors—**

- Supposed to have been cleaning up coal at belt. Started belt and was caught between it and deflector pulley of conveyor. (1)
- Cleaning up and removing sand from pit under conveyor belt. Arm caught in belt. (1)
- Cleaning up stone that falls from buckets at bottom of elevator. Elevator broke and he was crushed by buckets falling upon him. (1)

Cranes—

- Load from crane fell upon him. (1)
- Struck by load of bars slipping from crane. (1)
- Crushed between end of car and magnet of crane engaged in unloading car. (1)
- Caught between car and truck frame of revolving locomotive crane. (1)
- Got in bucket swung by crane. Bottom of bucket opened and he fell through striking head on dock. (1)
- Had been in pit where they hooked loom plate to overhead crane. Climbed out of pit, signal was given crane man and crane started. Deceased saw his shovel in pit and jumped back after it, being struck by loom plate. (1)

TABLE V — Continued.

ACCIDENTS DUE TO MACHINERY — Continued.

- Getting out of way of beam which was being lifted by crane. The end of crane chain struck him. (1)
- Crane was loading scrap with electric magnet. In coupling crane to car, he stood directly under magnet. Brake band of drum broke, and magnet fell 15 feet on him. (1)
- Crane turned over when turning with leads, hammer and three piles. Deceased jumped from crane into river, but crane fell on him. (1)
- Grasped rail while climbing out of ditch, and travelling crane ran over his hand. Infection developed. (1)
- Crane operator swung boom, carrying loaded bucket out at right angles to track, and weight overbalanced crane, which fell on him. (1)
- Lifting steam shovel, dipper and stick with locomotive crane. Load was 4 ft. from ground, but engineer was unable to swing boom toward car and he reversed the engine to get slack and crane became overbalanced and tipped over. (1)
- Riding on locomotive crane. Engineer swung boom around and he was crushed between bed of crane and bottom of boiler. (1)
- Went up on runway of crane without notifying operator and was struck by crane. (1)
- Placed a chain on boiler plate to move it. Chain snapped and struck his head. (1)
- On ladder oiling line shaft. Holding on crane rail. Crane passed over his hand and he fell. (1)
- Standing on crane track pulling piece of sheeting through opening. Craneman, not knowing he was there, started crane, catching him between crane and iron column. (1)
- In lifting rubbish from berth with gantry crane, bucket went back on deceased. (1)
- Making crane hitch. Finger caught between chain and another casting. Amputation of finger brought on pneumonia from anaesthetic. (1)
- Had been in pit removing clamps from roll flask. While getting out, crane jarred roll, causing it to fall on man. (1)

Derricks —

- Struck by falling derrick boom. (1)
- Double accident. Hook on loose chains of derrick carrying no load, caught on a girder which was on blocks for painting, knocking it over. It in turn knocked over a second girder which fell on three painters, pinning two of them down, causing instant death. (2)
- Fastened derrick hooks to stone and told hoister to tighten up. One hook slipped, striking him in abdomen. (1)
- Cotter-pin in shackle-pin broke, causing it to come out, letting block drop on deceased's head. (1)
- In an ore pit. Clamps of an iron hoisting bucket slipped, causing it to fall on him. (1)
- Wire cable which supported derrick boom broke, allowing it to fall. Boom struck platform, was deflected, and pinned him to the ground. (1)
- Struck by skip being lowered by derrick. (1)
- Tackle-block hooked on cable fell 78 feet, striking his head. (1)
- Untying rope from derrick rail, and fell, derrick moving backward crushing off arm and leg. (1)
- Struck by timber which was being hoisted and was thrown over 30 foot embankment into dump bucket. (1)
- Hoisting bundle of 2" x 6" building material. Stood directly beneath, and piece fell, striking him on head. (1)

Elevators —

- Struck by counter weight when leaning over into elevator shaft. (1)
- Caught by elevator while leaning over into elevator shaft. (1)
- Caught between elevator and safety gate, when leaning over gate. (1)
- Caught between elevator and roof of shaft, while greasing guide. (1)
- No witnesses. Supposition was that he was caught and crushed between elevator and third floor of factory. Body was found at the bottom of shaft. (1)
- Found dead in pit of elevator shaft. Probably started to operate elevator without instructions and got caught between elevator and wall. (1)
- Was oiling bearing at top of elevator when clothing caught in set screw throwing him off ladder. (1)
- Attempting to ride elevator from first to third floor. Found lying on elevator with head caught between floor of cage and floor of factory. (1)

TABLE V — Continued.

ACCIDENTS DUE TO MACHINERY — Concluded.

After warning operator not to operate below first floor, deceased descended into pit in search of object dropped there. Operator, for some reason, disobeyed instructions and descended to basement, crushing deceased. (1)

Elevator fell from top of building, with operator. (1)

Greasing elevator guide on ascending elevator. Descending counterweights caught body and dragged it down between shaft and car. (1)

Keys fell in elevator shaft. Raised elevator above basement floor, climbed out and went under car to get keys. Could not reach lever to start car. Seized cable, thinking car would descend. Car started up and he was carried up shaft. Fell from height to bottom of shaft. (1)

Tried to jump on elevator after it started. Fell on stomach at edge of car and gates pinned him to the floor. (1)

Stuck his head through unglazed sash of passenger elevator door. Elevator descended and crushed head. (1)

Stepped into bottom of shaft without looking up, and elevator hit him on head. (1)

No witness. Supposed to have brought elevator from basement to first floor, and when elevator continued up, tried to jump on and was caught between elevator and second floor. (1)

Standing with one foot on freight elevator. Was thrown to bottom of shaft when elevator started. (1)

Standing in open doorway of elevator shaft attending to some electrical work, with one foot in shaft, when elevator came down, throwing him to basement. (1)

Hoists —

Caught between tower and hoist while pulling coke buggy on. (1)

Caught between cage and platform of ore hoist. (1)

Caught under clam shell bucket of hoist. (1)

Hoisting Apparatus — Miscellaneous —

Struck by gin-pole of gin hoist being used to raise a smoke stack. (1)

Working on scaffold. Engineer lowered lift containing brick. It came down on decedent's shoulder, rupturing aorta. (Commission disallowed claim, but appeal to jury overruled its decision.) (1)

Machinery, not otherwise classified —

Caught by machinery. Exact manner unknown. No witness. (1)

Caught by coke-screen while attempting to screw down grease cup. (1)

Caught in machine. Decapitated. (1)

ACCIDENTS DUE TO NATURE OF MATERIAL USED, OR SIMILAR WORKING CONDITIONS —

Corrosive Materials and Liquids, Acids, Alkalis, Slaking Lime, etc. —

Standing between acid tank and table containing pipe. Pipe rolled off table and knocked him into tank. (1)

Reached into barrel for cleaning solution (caustic soda) and got a large quantity on arm, burning it. (1)

*Electricity —***Electrocutions —**

Came in contact with trolley in mine, while climbing from one mine car to another. (1)

Came in contact with live wire, in taking telephone wire down. (1)

Came in contact with live wire while helping connect earth grounds. (1)

In act of tying one lead 2800 volt line to insulator. Other arm came in contact with the other lead, sending current through breast. (1)

Struck trolley wire with iron hook. (1)

Moving trolley wires. Came in contact with a ground circuit. (1)

Trying to place wire carrying 2700 volts in cut-out. Right knee came in contact with another wire. (1)

Running wire off reel, when other end touched a clamp on 2300 volt line crossing, causing him to get the full charge. (1)

Working on electric light pole. In some way received the full charge of wires—2300 volts. (1)

Replacing an arc-lamp span wire. End of old wire was cut from pole and in coiling it, the wire came in contact with primary. (1)

TABLE V—Continued.

ACCIDENTS DUE TO NATURE OF MATERIAL USED, OR SIMILAR WORKING CONDITIONS—Continued.

- Standing on box back of switch board putting up a piece of conduit. Had fastened two clips to iron work and was fastening the third clip, when he struck fuse terminal and completed a circuit. (1)
- On pole between wires reaching for a tool. Touched wire, completing circuit. (1)
- Changing insulators on 11,000 volt line. Electrocutted. (1)
- Using electric drill in making repairs on machine. Came in contact with grounded wire. (1)
- Examining mold on mold bench. Had taken hold of incandescent lamp to see it. Current grounded. (1)
- Throwing power to start galvanizing machine. Took hold of switch and starter at same time. Hand came in contact with blade of switch, grounding current. (1)
- Operating controller on sand pump. Electrocutted. (1)
- Watchman. Found dead at switch where he had gone to turn off electric lights and power. (1)
- Tripped and fell against controller box of mixing machine, sending current through body. (1)
- Carrying mortar hod which came in contact with electric switch. (1)
- Was stretching guy wire from tower to tree. Wire came in contact with high tension circuit, sending current through his body. (1)
- Grounded current while unscrewing electric light bulb and was electrocutted. (1)
- Trimming a lamp and came in contact with a live wire. (1)
- While splicing a wire on pole, received shock. Was released from wire and in raising foot, slipped through double cross arm, coming in contact with other wires. (1)
- Renewing cross-arms. In pulling up wires and fastening them, he came in contact with two-phase wire and was electrocutted. (1)
- Connecting up high tension wire which had been broken by locomotive crane. Was electrocutted. (1)
- Transferring wire on light pole. Came in contact with live wire. (1)
- Splicing and taping primary wires. Foot came in contact with pole iron over anchor guy cable, causing ground circuit. (1)
- Attempting to cross from balcony to car by walking across top of work train. Lost balance, and to keep from falling seized live wire. (1)
- Electrocutted by grasping a chain used for raising and lowering a street lamp, and received shock due to defective connections. (1)
- Putting up new cross arm. Holding one wire over right shoulder, left arm came in contact with other wire where insulation was frayed. (1)

Falls due to shocks —

- Fell from telegraph pole, due to shock received. (1)
- Climbing a pole to fix wire. Hands came in contact with a feed wire, burning them. In effort to get loose, lost balance and fell 30 feet. (1)
- Working on light pole. Came in contact with high tension wire, and shock threw him to street 50 feet below. (1)

*Explosions and Inflammability or Heat of Explosive Substances —***Gas —**

- Gas explosion caused by fire in purifier house of gas company. (1)
- Gas explosion in mine. (1)
- Lighting gas in furnace. Gas exploded. (1)
- Went to get drink of water at cistern. Struck match to light his pipe, when gas, escaping from gas pipe into cistern, exploded. (1)
- Working in a trench taking out twelve inch gas main, when gas escaped, and in some manner, became ignited. Eight men were killed. (8)

Petroleum, Benzine, Gasoline, Spirits, etc. —

- Tried to get spark from plug with screw driver while adjusting auto, when gasoline caught fire. (1)
- Attempting to thaw pipe with gasoline instead of kerosene. Explosion followed. (1)
- Night watchman, making rounds struck lantern against vise on bench and lantern exploded. (1)
- Fell down stairs with lighted lantern. Clothing caught fire from explosion of lantern. (1)

TABLE V—Continued.

ACCIDENTS DUE TO NATURE OF MATERIAL USED, OR SIMILAR WORKING CONDITIONS — Continued.**Powder, Dynamite and other high explosives —**

- Struck by stone thrown by dynamite explosion 300-400 feet away. (1)
- Thawing dynamite. (1)
- Premature explosion of powder cartridge in clay mine. (1)
- Premature powder explosion in clay mine. (1)
- Piece of rock, blown through air by discharge of gunpowder struck him on head. (1)
- Explosion of dynamite on trestle knocked man from trestle to track below. (1)
- Sent to fill hole with sticks of dynamite, when they exploded. (1)
- Blasting rock. After wires for exploding had been connected, went back into trench and was blown up. (1)
- Had drilled holes and loaded two charges. Lit fuses and went away. Explosion of one charge occurred. Other was delayed and he went to investigate, just as it exploded. (1)
- Placed two shots in clay mine. One failed to explode. Went back to investigate and was caught by second charge. (1)
- While drilling rock, drill struck pocket of explosive, killing man, who was holding drill and another standing at his side. (2)

Steam, Steam Cookers, Steam Boilers, Steam Pipes and Connections, including escaping steam —

- Man-hole head blew out of boiler. (1)
- Steam pipe on boiler burst, scalding man to death. (1)
- Bottom of throttle valve on main steam line of tug burst and scalded him. (1)
- Boiler exploded. (1)
- Steam and hot water escaped through man-hole as plate was removed to wash boiler. (1)

Explosions — Miscellaneous —

- Explosion of a charging tank. (1)
- Explosion of chemicals in mixing house. Cause of accident and attendant circumstances not known. No witness. (1)
- Man was testing a gasoline tank for leakage with compressed air. Bottom of tank blew out, killing him and another workman. (2)

Hot Materials, Hot Objects and Great Heat —**Men Catching Fire from Miscellaneous Sources —**

- Night watchman. Must have fallen asleep. Awoke to find clothing on fire. Death caused by burns received. (Statement made by deceased before death.) (1)
- Grinding knuckle on emery wheel. Spark from wheel ignited burlap apron. Became frightened and ran about shop fanning flames. (1)
- Thawing frozen pipe. Clothing caught fire. (1)
- Clothing caught fire while covering fire in stove. (Little girl, 13 years old, acting as janitor in school.) (1)
- Fire caused sudden dense smoke. Supposed that man ran into post, was rendered unconscious and suffocated. (1)

Fluid or Glowing Metals, Slag, Ashes, etc. —

- Bottom dropped out of crane ladle containing molten metal. In effort to get away, man tripped and fell, breaking his arm. Was caught by molten metal. (1)
- Molten metal exploded on men, burning them. Two men were killed in this accident. (2)
- No witness. Supposed he was carrying molten iron. Tripped and fell, spilling iron on himself. (1)
- Hot cinders splashed over side of ladle, falling on him and setting fire to his clothes. (1)
- Helping dump ladle car of cinder. When it struck floor, plates were wet and explosion resulted, throwing metal on him. (1)
- Pouring mold for 14-ton runner to be used about blast furnace. Molten metal exploded splashing on two of the men, killing them. (2)

Hot Liquids and Hot Water —

- Slipped on wet runway and fell into small cistern of hot water. (1)
- Fell into vat containing hot water, lid of which was lifted. (1)
- Taking sticker off chain at pig machine, when he slipped, falling into a tank of hot water. (1)

TABLE V—Continued.

ACCIDENTS DUE TO NATURE OF MATERIAL USED, OR SIMILAR WORKING CONDITIONS—Concluded.

Hot or Glowing Masses—Miscellaneous—

Fell into pit containing hot sand. Fall caused by slipping of bar from pipe flask during process of shaking out. (1)

Injuries Due to Handling Glass, Porcelain and Similar Materials—

Carrying a tray of quart bottles. Bottle broke and piece pierced thumb. Infection followed. (1)

ACCIDENTS DUE TO OBJECTS—

Bumping Against Objects and Tools Where Motion of Tool did no Damage—

Bumped hand against iron casting upon which he was working. Infection developed. (1)

Sweeping. Bumped hand, lacerating it. Infection developed. (1)

Struck knee on sharp edge of counter. General septic infection followed. (1)

Falling, Sliding, Shifting or Rolling Objects—**Cave-ins and Falls, or Rolls of Rock, Sand and Earth Masses—**

Caught by cave-in of earth when tunnel timbers gave way. (1)

Caught by lump of frozen clay which rolled off bank of clay pit. (1)

Tunneling under walk. Rock caved in, catching him. (1)

Prying down a lump of clay from pile. He fell and lump rolled over, crushing skull. (1)

Fall of dirt and shale crushed him. (1)

Rock fell from face of quarry and struck him on the head. (1)

Side of sewer-ditch caved in, due to removal of a brace before another was set to replace it. (1)

Working in ditch. Side caved in, burying him. (1)

While excavating, was struck by earth rolling from top of bank. (1)

Manhole had just been completed and men were climbing out when sewer caved in, catching two of them. (2)

Digging in ditch for sewer when earth caved in on him. (1)

Falls of Coal and Clay (Mines)—

Was shearing in top coal after shot. Coal fell and drove pick through thigh. Infection resulted in death. (1)

Had fired shot the night before and there was piece of clay hanging on face of room. Trying to get clay down when it came loose and crushed him. (1)

Fall of coal and slate in mine crushed him. (1)

Caught under fall of coal in mine. (1)

Loading coal. Coal from face fell on him. (1)

Crushed by fall of coal in mine. (1)

Operating a mining machine when coal rolled over on him. (1)

Mining coal and coal fell on his head. (1)

Coal fell from face of entry and struck man on head while loading his car. (1)

Caught by fall of loose coal. (1)

Crushed by fall of coal after shot. (1)

Struck by fall of coal in mine. (1)

Struck by fall of coal in mine. (1)

Falls of Roof in Mines—

Crushed by fall of stone while loading coal. (1)

Fall of stone from roof. (1)

Fall of stone. (1)

Crushed by fall of stone and coal. (1)

Fall of stone in mine. (1)

Struck by fall of slate in mine. (1)

Struck by fall of slate in mine. (1)

Struck by fall of stone in mine. (1)

Crushed by fall of stone in mine after shot was fired. (1)

Crushed under fall of soap-stone in mine. (1)

Fall of clay in mine struck him on head. (1)

Crushed by fall of limestone in mine. (1)

Soap-stone, which was between two seams of coal, fell on him. (1)

Fall of slate in mine crushed him. (1)

Placing loads on switch when piece of slate weighing 200 lbs. fell on his head. (1)

Drilling a hole in coal, when slate fell, crushing him. (1)

TABLE V — Continued.

ACCIDENTS DUE TO OBJECTS — Continued.

- Mining coal, loose piece of slate fell on him. (1)
- Fall of slate caught him while taking out I beams. (1)
- Roof of mine fell and caught him. (1)
- Posts slipped in mine. Stone fell and caught man under debris. (1)
- Working in face of entry. Crushed by fall of slate. (1)
- Fall of slate in mine caught him. (1)
- Crushed to death by fall of slate in mine. (1)
- About ten tons of stone fell on him as he was pulling empty care into mine room. (1)
- Slip started. Slate fell on him. (1)
- Slate fell, crushing him. (1)
- Trying to straighten post under timber. Post jarred out and timber and stone fell on him. (1)
- Fall of slate in coal mine caught him. (1)
- Engaged in drawing pillars in mine. Fall of slate caught him. (1)
- Loading a car when slate fell, crushing him. (1)
- Timbering mine near bottom of shaft, when slate and timber fell on him. (1)
- Was crushed by fall of slate in mine. (1)
- Digging bottom coal. Stone fell on him. (1)
- Seventeen tons of soapstone fell on him. (1)
- Ran into room directly after shot was fired and was crushed by fall of stone. (1)
- Caught under falling slate. (1)
- Killed by fall of stone in mine. (1)
- Pulling post. As post came loose, rock from above fell. (1)
- Falling down and Collapse of Buildings, Walls, Arches, Cornices, Shelves, etc. —**
 - Buried under falling wall. (1)
 - Collapse of a portion of building caught and crushed two men. (2)
 - Was tearing down a brick building when a brick wall fell on him. (1)
 - In basement of building. Steel frame, being erected, collapsed and pinned him beneath iron beam. (1)
 - Doing cellar excavating work, when old stone wall toppled over, burying him underneath. (1)
 - Roof truss of building collapsed during construction and caught him. (1)
 - Truss section tipped over on him while he was painting a column. (1)
- Falling down or Shifting of Piled-up Bales of Goods, Piles of Lumber, Objects, etc., not as a result of loading or moving —**
 - Caught by pile of lumber which was on top of a building, pile slid carrying man with it, causing him to fall to floor below. (1)
 - Crushed by material falling at pickling vat. (1)
 - Pile of plates eight feet high fell over and caught him. (1)
 - Helping lift bale of jute clippings. Pile of baled paper fell over catching him under it. (1)
 - Removing cement from nearly empty bin. Pressure of cement in next bin broke down partition smothering him. (1)
- Falling or Shifting Objects or Tools while loading or unloading by hand —**
 - Crushed between side of car and logs while unloading logs. (1)
 - Unloading car of poles. Lost balance on poles, was carried to ground and crushed between them. (1)
 - Loading box of glass on wagon. Box fell and nail in it cut calf of leg. Erysipelas developed. (1)
 - Unloading logs from wagon. Log rolled off wagon upon his back. (1)
 - Directing unloading of machine from car. Skid on which machine was resting broke and machine fell on him. (1)
 - Unloading car of stone—piece rolled off striking man's leg. Infection set in. (1)
- Falling, Shifting or Dropping Objects or Tools as a result of handling, moving, carrying or piling in shops, warehouses, etc., by hand —**
 - Caught under heavy coil while moving it. (1)
 - Handling a strapped package of tobacco, dropped same on foot inflicting bruise. Infection developed. (1)
 - Loaded flask on push car, wrong end up. Flask jolted off and head was caught between door frame and flask. (1)
 - Guiding bar of iron into forge furnace, while other men carried it on tongs. Bar struck edge of furnace, rebounded causing tongs to strike decedent in abdomen. (1)

TABLE V—Continued.

ACCIDENTS DUE TO OBJECTS—Concluded.

Fellow employe dropped iron digging bar on foot causing superficial wound. Tetanus developed. (1)

Placing crate of marble on roller, same slipped off, falling on man's head. (1)

Standing in ditch for purpose of laying mud sill in it. Mud sill, resting edgewise at side of ditch was held by cant hook in hands of fellow employe. Cant hook slipped and mudsill fell on man in ditch. (1)

Moving a steam drill when it fell on him. (1)

Taking empty paper roll from stands. Reel slipped out of his hands and struck him in side. (1)

Placing block of ice in cooler. Ice slipped back pinning hand between it and sill. Infection developed. (1)

Helping bricklayers reline soaking pit covers. Standing between two covers when section tipped over, crushing him against the one he was repairing. (1)

Pushing truck. Caught finger between it and door. Infection. (1)

Employe, rebuilding over engine room, dropped wooden roller on decedent's head. (1)

Removing machine attachment, it fell on his foot, bruising it. Infection set in. (1)

Falling, Sliding, etc., of Miscellaneous Objects—

Smothered by fall of cement in a tank. (1)

Crushed by falling safe. (1)

Crushed by falling fire box of locomotive, jarred off blocks by action of hammer. (1)

Struck over head by falling spring dolly bar. (1)

Loading metal into a wheelbarrow, when piece of metal from the skull cracker fell striking him on shoulder. (1)

Gang of men were setting a pipe in sewer. Deceased started to pass under skids down which pipe was being rolled. Skid broke and pipe fell on him. (1)

Standing under pole. Was struck on head by cross arm, dropped from top of pole. (1)

Assisting in sawing tree into logs. Limb from another tree fell, striking him on head. (1)

Iron sheet fell off roof. (Piece of iron fell from old stack.) (1)

Brick fell about 70 feet, hitting him on head. (1)

Felling a tree. A branch broke off and struck his head. (1)

Cutting timber when limb of falling tree struck him. (1)

Something fell on his head from above. No witness. (1)

Piece of galvanized iron fell from roof on deceased. (1)

Laborers were cutting down tree and it fell upon deceased. (1)

Walking through doorway when iron plate fell from above, striking his head. (1)

Brick fell from top of wall, striking him on head, knocking him off ladder. (1)

Section of baffle wall form fell while being lowered, crushing him. (1)

Nails, Splinters, etc., attached—

Unpacking boxes. Ran nail in thumb. Infection developed. (1)

Scratched finger on nail in barrel from which he was taking sal soda. Blood poison. (1)

Handling boards. Got splinter in hand. Infection developed. (1)

Stepping on Nails or other sharp or edged Objects—

Stepped on fork used in raking rubbish, running prongs into foot. Tetanus developed. (1)

Stepped on a nail. Tetanus developed. (1)

Doors, gates and windows—

Letting down end-gate of motor truck. Finger was caught by chain and lacerated. Infection followed. (1)

Closing sliding doors. Wheels were off tracks and door fell striking abdomen. (1)

ACCIDENTS DUE TO CARRYING, LIFTING OR HANDLING GREAT WEIGHTS—

Lifting heavy flask. Something gave way in his chest. Death due to adhesions. (1)

Helping lower 400 lb. stove. Helper let stove slip, throwing weight on him, straining his shoulder. Tumor developed from strain. (1)

Heavy lifting on dirt car which had left track, caused descent of hernia. Died of strangulated hernia. (1)

Carrying heavy timber. Sustained femoral hernia, rupturing the peritoneum. (1)

Man is supposed to have strained himself hauling truck. Died from effects of operation. (Self-insured claid.) (1)

TABLE V—Continued.

ACCIDENTS DUE TO FALLS—

Caused by tools slipping and ropes breaking—

- Wrench slipped while man was bolting column, causing him to fall considerable distance. (1)
- Lost control of a portable motor drill and was thrown from top of boiler to cement floor, 18 feet. (1)
- Rope supporting swinging scaffold broke, and he fell to ground. (1)
- Was riding messenger wire tying up and repairing over railroad tracks. Messenger wire broke, and he fell 80 feet. (1)
- Ropes supporting man while working on sign broke and he fell 80 feet to sidewalk. (1)
- While booming lumber on wagon, pole on which he was bearing broke, throwing him head first to the ground. (1)
- Assisting to pull down side wall of old building, rope broke and he fell striking side against sharp edge of curbstone. Fractured rib, developing septic pleurisy. (1)

*From means of ascent and descent—***From Ladders, including falls due to slipping or breaking of ladders—**

- Fell from ladder. (1)
- Going up ladder made a mis-step and fell. (1)
- Ladder slipped, causing him to fall to floor. (1)
- Was on ladder. It slipped and he fell with it. (1)
- Climbed ladder to oil hangers. Ladder slipped from under him. (1)
- On ladder leaning against tree, cutting branches with saw. Limb gave way, ladder slipped and he fell ten feet. (1)
- Hand slipped from rung of ladder and he fell 40 feet to pavement. (1)

Stairs—

- No witness. Found dead at foot of stairs leading from office to second floor. Supposed that he fell down stairs. (1)
- Putting ice in box while standing on steps. Steps gave way causing ice to fall on hand. Tetanus developed. (1)

*From Structural Work, Buildings and Other Considerable Heights—***From Poles and Trees—**

- On pole connected with others by a single wire. Wire broke, pole fell, and he was carried to the ground. (1)
- Putting cross-arms on telephone pole. Pole fell, pinning him under it. (1)
- Fell from top of electric light pole. (1)
- Pole became dislodged while lines were being transferred and he fell from top. (1)
- Fell from pole to sidewalk. Cause of fall unknown. (1)
- Last seen alive on pole by another employe, who later heard a dull thud and saw him lying at foot of pole. (1)

From Trestles, Scaffolds, Runways, Joists, Walls, etc., not due to breaking down or collapse—

- In five separate cases a fall from scaffold resulted in death. (5)
- In two cases a fall from a trestle resulted in death. (2)
- Fall from platform in course of construction. (1)
- Was erecting staging under the spar deck of a steamer. Slipped and fell 18 feet to tank top. (1)
- Board tipped on structural work. Fell 16 feet to concrete floor. (1)
- On trestle at pig machine. Lost footing and fell. (1)
- Wheeling brick on scaffold. Tripped and fell off. (1)
- Helping boiler makers on first platform hoisting rig, 18 feet from ground. Foot slipped off a drum and he fell to tracks below. (1)
- Bucking rivets. Putting pressure on dolly-bar when he pushed scaffold out from under his feet. Fell 57 feet. (1)
- Walked out on loose plank on trestle to inspect repairs on same. Board turned over and he fell 30 feet. (1)
- Taking down a scaffold from a chimney. While prying a board loose, he fell to ground about 25 feet. (1)
- Cleaning building. Was on swinging scaffold at 7th floor. In reaching for a tool, took foot out of stirrup, pushed scaffold away from building out from under him causing him to fall. (1)

TABLE V—Continued.

ACCIDENTS DUE TO FALLS—Continued.

- Fell from scaffold on bridge over river. (1)
- Standing on plank 15 feet from floor, punching holes in trolley track. Fell, landing on coke bin. (1)
- Lost balance while moving rigging on trusses. Fell 30 feet to cement floor. (1)
- Fell from second story of building while at work. (1)
- Man lost footing and fell from ninth story to basement. (1)
- Fell from second story beam, striking back against iron beam as he fell. (1)
- Was told to loosen sway rod buckle. Rod broke and he fell backward from second story to ground. (1)
- While walking along tramway about 25 feet from ground he tripped and fell off. (1)
- Lost his foot-hold while cutting rivets and fell 90 feet. (1)
- Fell three stories when plank, dislodged from above, fell on his head. (1)
- Man was working on a platform. Stumbled and fell from platform to ground. (1)
- On scaffold. Stooping to lay hammer down, lost balance and fell. (1)
- Man was using plank for scaffold. It slid from under him, allowing him to fall 30 feet. (1)
- Stepped on a loose board on scaffold, causing him to fall. (1)
- Fell from scaffold while he was building a second story porch rail. (1)
- Fell from planks placed between two buildings. (1)
- Was prying off boards covering wires in trestle with a bar, and stepped off trestle. (1)
- Fell from scaffold while painting ceiling in theatre. (1)
- Working on scaffold around tank which was being prepared for removal. Stepped on plank, which turned, and he fell 45 feet. (1)
- Struck by falling plank which caused him to fall three stories. (1)

From Trestles, Scaffolds, Runways, Joists, Walls, etc., due to breaking down or collapse—

- Placing buckstays on a furnace when scaffold on which he was working collapsed, a buckstay falling across him. (1)
- Cutting off plate of water tower tank. Steel hook broke causing plate to drop on scaffold which collapsed, and he fell 80 feet. (1)
- Scaffold on which he was standing broke, causing him to fall 15 feet. (1)
- Was putting up picture molding. Scaffold on which he stood, gave way, causing him to fall. (1)
- Pulled scaffold rope loose from fastening at ridge of roof, falling to ground. (1)

Out of Windows, off Roofs, etc.—

- Fell from ledge while cleaning windows. (1)
- Fell while cleaning windows. (1)
- Support gave way. Fell while cleaning windows. (1)
- Sat on window-sill which was loose, fell from upstairs window. (1)
- Cleaning windows at second floor. Refused to use safety device and fell to ground. (1)
- Fell out of door on third floor, striking box car on siding and then fell to ground. (1)
- Fell out of fourth story window while washing windows. (1)
- Painting, fell backward from second story window. (1)
- Using roof ladder to paint roof. Ladder became detached from combing of roof and threw him to ground. (1)
- While trying to hang wooden block over girder of building he fell from fifth to first floor. (1)
- Working on roof of filtration plant. Fell off. (1)

From High Places—Miscellaneous—

- Fell from cage of crane and struck auxiliary hoist. (1)
- Fell from concrete form being conveyed from one point to another. (1)
- Came out of crane cage and stood over trolley, trying to adjust something, when he fell between girders to the ground. (1)
- Fell from crane, about 30 feet. (1)
- Working on bridge construction. Fell from bridge. (1)
- On bridge, planing plank on end of ties. Turned plank off ties. It fell, carrying him with it. (1)
- Fell from the top of a bridge. (1)
- Cleaning paint from skylight. Broke through, falling 20 feet to concrete floor. (1)
- Fell from top of a car while repairing it. (1)
- Working on top of ledge of rock in quarry. Man working above, dislodged stone which he attempted to dodge and fell 20 feet. (1)

TABLE V — Continued.

ACCIDENTS DUE TO FALLS — Continued.

Fell from floor at top of tippie. (1)

While removing roof-plates of oven, had taken nuts off bolts, holding plate. Moved out on plate which buckled, letting him fall to ground. (1)

Man was taking down steel tower. Blocks slipped while changing guy wire and he fell 75 feet. (1)

Man fell from derrick mast when wrong guy rope was pulled. (1)

Falling, Slipping or Stumbling on Floors or Other Ordinary Surfaces —

Fell on damp floor. Resulting fractures and internal injuries produced pneumonia. (1)

Slipped and fell, while carrying chain block. (1)

Wheeling barrow up runway. Foot slipped on runway, causing him to fall and strike chest against barrow. (1)

Slipped and fell, striking hip. Infection developed. (1)

Slipped and fell on wet cement floor, striking head. (1)

Pulling bags from car. Slipped and fell astride iron guard in which car door slides. (1)

Pushing truck load of buggies. Slipped and fell against truck injuring spine. (1)

While taking down a beam, it fell, striking head. (1)

Shoveling tan bark out of runway in barn. Slipped and fell. (1)

Loading cement on wagon from store house platform. Slipped and fell, striking side on edge of platform. (1)

Falling, Slipping or Stumbling over Objects or Because of Defective Flooring —

While carrying heavy load, tripped and fell over wire. Laceration of knee, developed infection. (1)

Inspecting sewer, slipped on clay and fell, striking head on stone. (1)

Inspecting car loaded for shipment. Slipped on side of ice-skid which turned, striking him on leg. Infection set in. (1)

Stumbled over block of wood, fell, striking arm on corner of the piece of wood. Infection set in. (1)

While carrying a load, stepped on iron rod which turned, throwing him and fracturing thigh. (1)

Falls from Trains, Street Cars, Mine Cars and all Kinds of Conveyances Running on Tracks—***Due to Sudden Stop or Start —***

Unloading paving blocks from car. Other cars were shunted onto same switch, bumping car, and knocking him off. (1)

Off Moving Conveyance —

Riding on fender of furnace scale car. Fender caught on guard rail of track, throwing him under fender. (1)

Riding on cars. In some manner fell, and was run over by car. No witness. (1)

While Boarding or Alighting while Conveyance was Moving —

Tried to board a moving street car which was drawing a freight car. Missed handle and fell under freight car. (1)

Tried to board coal car. Foot missed step of car, and was caught between track and guide-rail. (1)

Falls from trains, etc., miscellaneous —

Helping unload car of lumber. Fell from top to track striking tie. (1)

Falls from other Means of Transportation —***Off Moving Conveyance —***

Fell from wagon going down hill and was run over. (1)

Fell from seat of wagon, which ran over him. (1)

Driving out of alley into street. Lumber slipped and he fell into road. (1)

Driving coal wagon when wheel broke off, throwing him to pavement. (1)

Driving coal wagon and fell off same. (1)

Fell from wagon while driving on public road and wheel passed over his head. (1)

Was riding home on company truck. Supposed that he fell off and was run over by rear wheels. No witness. (1)

While Boarding or Alighting while Conveyance was Standing Still —

Getting on wagon. Foot slipped, and he fell, striking wheel. (1)

Stepping off wagon. Put foot on pole of wagon, slipped and fell. (1)

While Boarding or Alighting while Conveyance was Moving —

Stepped on separator tongue. Front wheel caught foot and ran over heel and ankle.

Infection developed. (1)

TABLE V — Continued.

ACCIDENTS DUE TO FALLS — Concluded.

Into Elevator Shafts, Hoistways, Traps and Similar Openings —

- Falls into elevator shaft resulted fatally in three cases. (3)
- Wheeling truck of empty cans to elevator. Cage was not at landing and he fell down shaft. (1)
- Girl stepped off elevator at ninth floor without turning off power. A short time later she turned and came back falling down shaft. (1)
- Went into warehouse to get broom. Room was dark, gates of elevator were presumably up, and she fell into the elevator shaft. (1)
- Stepped into elevator shaft, thinking car was there. Fell to bottom of pit. (1)
- Walked into open hatchway and fell 20 feet to concrete floor. Hatchway was open to let cable down from second to first floor. (1)
- Working on second floor of new building. Slipped and fell backward into air shaft. (1)
- Putting up forms in stair well. Tried to catch loose plank, and fell 18 feet, plank falling on top. (1)
- Fell down elevator shaft from third floor. (Two cases.) (2)

Into Excavations, Empty Vats, etc. —

- Working in intake well. Fell from I beam to bottom. (1)
- Starting home from work, took short cut, and being unfamiliar with the premises, fell into a pit in one of the buildings. (1)

Falls from and Injuries due to Jumping —

- Attempted to jump from one cement pile to another. Fell on a plank; inducing strangulated hernia. (1)

Falls not otherwise classified —

- Repairing drill press. Was standing on a box, when he slipped and fell, striking his arm against the press. Infection developed. (1)
- Climbing down off of a lumber pile, slipped and fell. (1)
- Slipped off press platform, and fell, straddling belt shifter. (1)
- On top of large flask. In stepping to one side, caught trouser on jagged iron throwing him off flask. Tetanus developed. Died after operation for pelvic abscess. (1)

ACCIDENTS DUE TO TRAINS, STREET CARS, MINE CARS AND ALL CONVEYANCES RUNNING ON TRACKS (EXCLUSIVE OF FALLS FROM SAME) —

Braking and Switching —

- Crushed between car bumpers while switching. (1)
- Pole, used to push car, slipped and crushed him between pole and car. (1)
- Caught between two buggies in open hearth switch yard. (1)

Contact with Superstructure or Roof —

- Going into mine entry with trip of empty cars. Lost control of motor, ran through door, was knocked off by same, and fell under wheels. (1)

Collisions of Two Conveyances Running on Tracks —

- Head on collision of two traction cars. Two men were killed. (2)
- Deceased, a construction inspector, was riding from work on car which collided with another. (1)
- Lost control of locomotive which ran into pit cars. Impact with cars forced the first one over on locomotive. (1)
- Riding on rear end of engine after having spotted some cars on trestle, when cars drifted after engine and collided with it, pinning deceased between cars and engine. (1)
- Car of which decedent was motorman collided with rear of another car. Decedent reported intoxicated. (1)
- Traction car collided with freight car. Two deaths. (2)
- Passenger car collided with pay car, crushing man. (1)
- Struck by freight car, while riding velocipede car. (1)
- Riding down incline on buggy, which collided with another buggy in stock yard, and he was crushed between them. (1)

Coupling and Uncoupling —

- Motorman started without signal, while decedent was uncoupling cars, and he was caught and crushed. (1)
- While uncoupling cars, stepped between them and was run over. (1)
- Attempted to unhook chain from car while it was in motion, and was caught between car and cinder ladle. (1)

TABLE V — Continued.

ACCIDENTS DUE TO TRAINS, STREET CARS, MINE CARS AND ALL CONVEYANCES
RUNNING ON TRACKS (EXCLUSIVE OF FALLS FROM SAME) — Concluded.*Derailments —*

- Cars jumped track and caught employe under them. (1)
- Car left track at curve. Motorman killed. (1)

Jammed Between Cars, Between Cars and Platform, etc. —

- Attempting to cross tracks. Caught between two freight cars. (1)
- Loading car with lump coal. Stood on running board while car was being moved. Projecting lump of coal caught clothes and dragged him between car and upright timbers. (1)
- Starting a car which moved 8 or 10 feet when another car which was left standing behind, started and caught him between cars. (1)
- Helping bring box cars down to load and was caught between side of box car and old dump. (1)
- Crossing track. Was caught between two cars pushed together by engine. (1)
- Standing on car step to look for hot journal, and in leaning out, head was struck by bridge. (1)

Jammed Between Mine Car and Rib, Between Two Mine Cars, etc. —

- Rolled between top of mine motor and roof. Crushed. (1)
- Crushed between rib and empty mine car which jumped the track. (1)
- Squeezed between mine car and rib. (1)
- Caught between mine car and rib. (1)
- Running motor very fast. Could not stop at trap door, so jumped and was caught between car and rib. (1)

Run Down or Struck by Moving Train etc. —

- Found dead beside scale track. No witness. (1)
- Fell under moving car, when delivering material at receiving platform. (1)
- Switch engine struck car he was repairing and ran over him. (1)
- Run down by freight car. (1)
- Run over by cars. (1)
- Run over by switch engine. (1)
- Struck by street car. (1)
- Struck by electric car. (1)
- Struck by electric car in fog, while putting hand car on track. (1)
- Fell in front of loaded mine car. (1)
- Run over by loaded mine car. (1)
- Roping off draw-bridge after signalling motorman of car to stop, preparatory to opening draw. Car started and struck decedent. (1)
- Working in trench. Stepped out, and was struck by street car. (1)
- Jumped from truck as it was crossing track and was struck by train. (1)
- No witness. Apparently run over by mine cars. (1)
- On way home on company premises when they were struck by locomotive. Two deaths. (2)
- Working on "devil strip" fitting rail for paving. Car struck him on head. (1)
- Crossing tracks (while working on bridge) and was struck by train. (1)
- Crossing trestle, was hit by train. (1)
- Hurrying across railway tracks. Was struck by train. (1)
- Found under mine car. Supposed he tried to get on car after starting it, and fell, car running onto his body. (1)
- While passing through an air door, a loaded trip passed through, his clothing catching on car, and dragging him under it. (1)
- Jumped off truck in front of car. (1)
- Cleaning track below crusher. Car loader dropped out loaded car which ran over him. (1)
- Hit by train while carrying papers. (1)
- Crossing track at pig machine. Locomotive struck him. (1)
- On trestle when freight train was coming. Lay down on trestle to let train pass, and head was struck by journal box. (1)
- Run down by passenger train and crushed. (1)
- Walking across track at crossing to check up day's work at checking office. Engine, coming slowly down track, struck and knocked him down. (1)

TRANSPORTATION BY WATER —

- Ferrying barge loaded with timber to shore below dam. Water soaked pulley would not loosen, throwing the barge sidewise in swift current. Water splashed in barge causing it to sink. Seven men drowned. (7)

TABLE V — Continued.

TRANSPORTATION BY WATER — Concluded.

- Steamer struck breakwater in storm and sank. Deceased was drowned. (1)
- Working on mud scow. Gears slipped before dumping ground was reached, sucking him down with the mud. Body recovered ten days later. (1)
- On tug. Encountered heavy sea, and was washed overboard. (1)
- Fell from spar of barge into river and was drowned. (1)
- Walking on gunwale of coal barge. Fell off and was drowned. (1)

ACCIDENTS DUE TO OTHER MEANS OF TRANSPORTATION —

Collisions —

- Struck by train when driving auto across tracks. (1)
- Auto truck was hit by interurban car. (1)
- Driving a wagon which was run into by a traction car. (1)
- Auto in which he was riding was struck by train. (1)
- Wagon struck by traction car. (1)
- Crossing track in auto truck. Struck by passenger train. (1)
- Driving across track when wagon was struck by train. Two deaths. (2)
- Driving wagon across tracks. Struck by train. (1)
- Struck by train when returning to company yard after delivering load of lumber. (1)
- Responding to fire alarm. One fire truck struck another and swerved against telephone pole, throwing occupants out. (1)
- Wagon collided with cart, upsetting and throwing driver to pavement. (1)
- While riding bicycle, was run into by man on motorcycle. (1)

Run Down or Struck by Moving Vehicles, Trucks, etc. —

- Struck by automobile. (1)
- Unhooking chain between traction engine and stone wagon, caught foot under wheel of wagon and three wheels ran over him. (1)
- Riding motorcycle. Was thrown from same, due to defective pavement, and struck by passing auto. (1)
- Driving from one town to another, in auto hired by company. While repairing a tire, another auto struck him. (1)
- Ran out of building as truck was coming in. Fell in front of truck and was run down before driver could stop. (1)
- Auto ran him down, as he was coming to work. On company property at the time. (1)
- Stopped truck under sand hopper, leaving engine running. Truck was on incline, and started. Rushed back to seize steering wheel, and was crushed between front wheels and timbers of sand hopper. (1)
- Helping clean and pile brick for driveway. Auto truck coming in, struck brick, fell over on its side and crushed deceased against building. (1)

Due to Being Ditched, Overturning of Wagons, etc. —

- Auto truck overturned, crushing deceased. No witness. (1)
- Auto pitched over river bank and fell on driver. (1)
- Auto skidded, turned around on pavement and slid into ditch, turning turtle. (1)
- While passing buggy, motor truck skidded into ditch, turned over, pinning driver's head to ground. (1)

Other Means of Transportation, not Otherwise Classified —

- In turning corner, hub of wagon struck electric light pole, and pole fell on him. (1)

ACCIDENTS DUE TO ANIMALS —

Horses and Mules —

- Thrown from wagon when horse became frightened. (1)
- Cleaning horse, and it kicked him. (1)
- Deceased, in charge of team of horses which started to run away. In trying to stop them, was run over. (1)
- Driving team. Horses ran away, jarring him off wagon, and catching him between wagon and pole. (1)
- Team he was driving became frightened and ran away, throwing him over front of wagon. (1)
- Team of horses which he was driving, became frightened by engine. Gave sudden jump, and driver fell off wagon. (1)
- Driving team. Horses ran away, jarring him off wagon, and catching him between wagon and pole. (1)

TABLE V — Continued.

ACCIDENTS DUE TO ANIMALS — Concluded.

Working on slide scraper. Team was fractious and threw him. (1)

Leading horse down road, when horse slipped, knocking him down and trampling on his chest. (1)

Other Animals —

Gored by bull. (1)

Saddling elephant, which swung round and picked him up between tusks and trunk.

Tusks pierced side. (1)

Went to barn to lock up. Was found in dying condition, having been gored by bull. (1)

ACCIDENTS DUE TO HAND TOOLS, AND SIMPLE APPARATUS —

Struck shin, when board he was sawing slipped. Death due to infection. (1)

Chipping casting. Piece of iron flew into eye. Infection necessitated removal of eye.

Pneumonia followed the anaesthetic. (1)

Changing chimney valve of stove on furnace with a wrench. Caught finger between wrench and nut on valve, lacerating finger. Infection set in. (1)

Struck elbow with a pick. Infection developed. (1)

Shovel rubbed against leg, where he braced handle. Ulcer developed and infection followed. (1)

ACCIDENTS DUE TO MISCELLANEOUS CAUSES —

Drowning —

Employed as aeronaut. Drowned in lake when he descended from balloon. (1)

Going up ladder to get aboard steamer to go to work. Slipped, fell to dock and rolled into river. (1)

Was in sewer being dug under canal. Roof caved in filling sewer with water, and he was drowned. (1)

Returning to shore from opening in draw-span of bridge, when row boat he was rowing upset. (1)

Working on bracing of coffer-dam. Lost his balance, fell in and was drowned. (1)

Pushing wheelbarrow of dirt over temporary staging over river, to fill cofferdam. Fell off staging. (1)

In a small boat with other men, going out after fuel to run boiler. In some manner, was thrown from boat and drowned. (1)

Fell into well at pumphouse, while cleaning screen. (1)

Lightning —

Entered telephone booth to telephone to office, during electric storm. Was struck by lightning. (1)

Suffocation and Asphyxiation —

Filling furnace by means of skip bucket. Piece of scrap was caught between side of bucket and stem. Attempting to release it, was overcome by furnace gas. (1)

Descended into a still (of oil refinery) and was overcome by gas. (1)

Supposed to have struck his head against iron rod, and fallen into sand hopper, where he was smothered. No witness. Had been ordered to shovel sand into hopper. (1)

Sunstroke and Heat Prostration —

Overcome by heat while unloading car of coal. (1)

Cramps seized him while suffering from heat exhaustion. Acute alcoholism contributory. (1)

Overcome by heat while wheeling brick from kiln to storage pile. (1)

Cramps and heat exhaustion occurred as a result of occupation. (1)

Intentional Violence of Fellow Employee —

Taking dictation from employer. Was shot through chest by fellow employee. (1)

Stabbed for refusing to give up truck to another employee. (1)

Gathering street sweepings in cart. Got into an argument, was hit on head with shovel and knocked down. Team started and rear wheels of cart passed over body. (1)

Intentional Violence of Persons not Employees —

Attempting to make arrest, was shot. (1)

House detective. Shot by man he was trying to arrest. (1)

Stabbed by inmate of penitentiary. (1)

TABLE V—Concluded.

ACCIDENTS DUE TO CAUSES NOT OTHERWISE CLASSIFIED—

Putting up a line shaft, and while on a ladder a hanger gave way, allowing full weight to pull on his left side. (1)

Ran after thieves who were stealing iron. Died of over-exertion. (1)

While raising pole, it fell and struck him. (1)

Probably inhaled fumes. No description of accident, except statement that he was burned. (1)

Foot slipped off foot rest, while picking up castings, causing descent of hernia. (1)

Dumping refuse with two-wheel truck when train backed in, and was jammed between truck and wall, when train passed, the truck running over him. (1)

Swamp hook pulled out of log which team was pulling, and struck him on head. (1)

TABLE VI — NUMBER OF NON-FATAL ACCIDENTS FOR WHICH CLAIMS WERE ALLOWED DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1916, BY CAUSE AND BY INDUSTRY CLASS.
(For description of industry, see Table IV.)

A. PERMANENT TOTAL DISABILITY.

Cause of Accident.	Industry Class.									Total.
	Coal Mining.	Contracting.	Lumber.	Metals.	Ore Reduction and Concentration.	Pottery and Glass.	Rubber and Composition Goods.	Stone.	Warehouses and Stores.	Section 27.
Mills and mixers (grinding, crushing, screening, kneading, mixing, etc.).....	1									1
Mining machines.....										1
Rolls and calendars.....				1			1			1
Block and tackle.....				1						1
Cranes.....					1	1		1		3
Explosion of dynamite.....										1
Fluid or glowing metals.....										1
Fall of roof (mines).....	1									1
Fall of lean-slate (mines).....	1									1
Falling down, or shifting of piled up bales of goods, piles of lumber, objects, etc. (not as result of moving or unloading).....				1						1
Falling or shifting objects of tools as a result of handling, moving, carrying or piling in shops, warehouses, etc., by hand.....		1								1
Falls from high places.....										1
Falls from trains, street cars, mine cars and all other kinds of conveyances running on tracks (exclusive of those falls where a horse or other draft animal was the primary cause).....	1									1
Falls into elevator shafts, hoistways, traps and similar openings (exclusive of mine shafts).....					1				1	1
Run down or struck by moving trains, etc.....										1
Jammed between vehicles, between vehicles and objects, etc.		1								1
Total	4	2	1	3	2	1	1	1	1	18

TABLE VI—NUMBER OF NON-FATAL ACCIDENTS FOR WHICH CLAIMS WERE ALLOWED DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915, BY CAUSE AND BY INDUSTRY CLASS.

(For description of Industry Class see Table IV.)

B. PERMANENT PARTIAL DISABILITY.

Cause of Accident.	Industry Class.																		
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIII-A	XIII-B	XIII-C	XIII-D	XIII-E	XIV
ACCIDENTS DUE TO MACHINERY—																			
Motors and engines —																			
Gas and gasoline engines and compressed air motors.....			1		1	2	1	1		1	4						1		
Transmission apparatus —																			
Gog. gear and friction wheels.....	3	1	4	1	4	4	1	3		30	4		4	2	1		1		2
Drive belt and pulleys.....			1		2	1	2	1		8			6						
Rope cable and chain drive.....					4	1		2		1			1						
Shafts and shaft couplings.....		1	1		2					2									
Sleeve drums and cables.....				1	1			1		1									
Working machines (exclusive of hoisting machinery) —																			
Air-hose.....										1									
Reading machines and seamers.....										2									
Boring, drilling and reaming machines, including drill presses.....					1					29			1						2
Bottling and crowning machines.....		1																	
Centrifugal machines.....													1		5	2			
Cutting and chopping, miscellaneous.....	2								3	3					1				
Farm machinery —																			
Balers (hay and straw).....								1											
Grinding and polishing machines —																			
Bursting of wheel.....			4					2		1									
Flying particles.....			3							13									
Other.....			2			1				18									
Lathes.....					1					1									
Mills (grinding, crushing, etc.).....	5		3	1						12	1		1					1	
Milling machines.....																			
Mining machines (coal mines).....				6															
Paper making and paper box machinery (exclusive of rolls and calenders and of those machines clearly falling into other classes—																			
Corner stayers and edging machines.....																			

Paper cutting, trimming and slitting machines																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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TABLE VI — Continued.
B. PERMANENT PARTIAL DISABILITY — Continued.

Cause of Accident.	Industry Class.													
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIII-E XIV
ACCIDENTS DUE TO NATURE OF MATERIAL USED—														
Corrosive materials and liquids, acids, alkalis, slaking lime, etc.		1			1					8				
Electricity —														
Burns										2				1
Falls due to shocks										1				
Electricity, miscellaneous										1				
Explosions and inflammability or heat of explosive substances —														
Of gas		1	2		1				1	1				1
Of petroleum, benzine, gasoline, spirits, etc.					1									
Of powder, and other high explosives	1													
Of machinery —										1				
Of steam, steam boilers, steam cookers, steam pipes and connections, miscellaneous					2									
Hot materials, hot objects, and great heat —														
Explosions, miscellaneous				1						1				
Flames out of ovens and furnaces, confagurations, etc.										4				
Fluid or glowing metals, slag, ashes etc.										2				
Hot liquids and hot water					1					20				
Hot objects or tools										2				
Poisonous materials, miscellaneous													1	
Injuries due to handling glass and porcelain					1			1						2
Total	1	2	2	1	7			1	1	88			1	4

TABLE VI — Continued.
B. PERMANENT PARTIAL DISABILITY — Continued.

Cause of Accident.	Industry Class.													
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIII-E
ACCIDENTS DUE TO FALLS (EX- CLUSIVE OF FALLS FROM HORSES OR OTHER ANI- MALS —)														
Caused by tools slipping and ropes breaking.....										2				
From means of ascent —					1					3			1	
Ladders.....														
Stairs.....														
From structural work, build- ings, and other considerable heights —														
From poles and trees.....														
From trestles, scaffolds, runways, poles, walls, etc., not due to breaking down or collapse.....					3					1				
From trestles, scaffolds, runways, poles, walls, etc., due to break- ing down or collapse.....					7					1				
Out of windows, off roofs, etc.....					3									
From high places, miscellaneous.....					1									
Falling, slipping or stumbling on floors or other ordinary surfaces.....					3			1		6			1	
Falling, slipping or stumbling over objects or because of defective flooring.....										6		2	1	
From trains, street-cars, mine- carts, and all kinds of con- veyances running on tracks (exclusive of those falls where a horse or other draft animal was the primary cause) —			2											
Off moving conveyances.....				1										1
While boarding or alighting while conveyance was standing still.....														1

From all other means of transportation (exclusive of those falls where a horse or other draft animal was the primary cause) —

Off moving conveyances.....

Falls from other means of transportation, miscellaneous.....

Into elevator shafts, holstways, traps and similar openings.....

Into excavations, empty vats, etc.....

Falls from and injuries due to jumping or running.....

Falls not otherwise classified.....

Total	2	1	20	2	1	1	1	1	19	3	4	1	1	1	3	4	1	1	4	1	1	2	1	1	1	4
<p>ACCIDENTS DUE TO TRAINS, STREET-CARS, MINE-CARS, AND ALL KINDS OF CONVEYANCES RUNNING ON TRACKS (EXCLUSIVE OF FALLS AND INJURIES DUE TO ACCIDENTS WHERE A HORSE OR OTHER DRAFT ANIMAL WAS THE PRIMARY CAUSE) —</p>																										
Braking and switching.....																										
Collisions of two conveyances running on tracks.....		2							2																	
Coupling and uncoupling cars and trucks.....		15	1						5																	
Derailements.....		2																								
Getting cars on or off track.....																										
Jammed between cars, between car and platform, etc.....			2																							
Jammed between mine-car and rib, between two mine-cars, etc.....		5																	1							2
Run down or struck by moving train, etc.....			3	1					2																	1
Mine cars, miscellaneous.....		8																								
Trains, etc., not otherwise classified.....									2																	1
Total	34	6	1	1	1	1	1	1	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4

TABLE VI — Continued.
B. PERMANENT PARTIAL DISABILITY — Concluded.

Cause of Accident.	Industry Class.												Section 27.	Total.		
	XV	XVI	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV	XXV	XXV-A			XXVI	Abstract (a).	Public Em- ployes.
ACCIDENTS DUE TO OTHER MEANS OF TRANSPORTATION (EXCLUSIVE OF FALLS AND OF THOSE ACCIDENTS WHERE A HORSE OR OTHER DRAFT ANIMAL WAS THE PRIMARY CAUSE) —																
Collisions (including collisions of vehicles with trains or cars)	1										2				2	5
Run down or struck by moving vehicles															2	5
Due to being ditched, or overturning of wagons, etc.											1					2
Jammed between vehicles, between vehicles and objects, etc.																3
Other means of transportation not otherwise classified.	1												1		1	4
Total	2										3		1		5	20
ACCIDENTS DUE TO ANIMALS																
Horses and mules —																
Kicks																2
Runaways	1														1	3
Due to sudden stops or starts.													1			6
Accidents due to horses and mules, miscellaneous											1					4
Total	1										1		1		1	20
ACCIDENTS DUE TO HAND (TRADE) TOOLS AND SIMPLE APPARATUS	4	2	7	2	2		12				5	5	5	2	3	7
																225

TABLE VI — Continued.
C. TEMPORARY DISABILITY.

Cause of Accident.	Industry Class.																	
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII-A	XIII-B	XIII-C	XIII-D	XIII-E	XIV
ACCIDENTS DUE TO MACHINERY —																		
Motors and engines (exclusive of accidents by being run over) —																		
Air compressor										1								1
Animal power			1	1	2	1				11							6	
Electric motors and dynamos									2									
Gas and gasoline engines and compressed air motors	3	2	40	3	43	21	1	4	6	37	3		9	6	1	76	2	9
Steam engines	1		2	3	13	3	1	5	1	41	4		2	4	5		2	2
Water power installations	3	2	10	2	7	2		1		16	1	1		1		5	2	3
Motors and engines, miscellaneous																		
Transmission apparatus —	11	6	20	4	17	1	7	5	1	178	6	1	10	4	5	6	3	3
Cog, gear and friction wheels																		
Drive-belts and pulleys associated with them	6	9	31	2	11		20	22	1	285	17		20	3	3	2	3	7
Rope, cable and chain-drive	1	1	2	1	27	3	1	2		33	2		4	1	1	2	2	1
Shafts and shaft couplings			6		9	1	4	7	1	60	7		4		1		1	1
Sheave-drums and cables					3					2					1			
Transmission apparatus, miscellaneous			3							8			1	1		1		
Working machines (exclusive of hoisting machinery) —																		
Air-hose			11		7	1	1			138				1		1	1	1
Reading machines and seamers	1				2		1			46								
Boring, drilling and reaming machines, including drill presses	1	3	233	3	49	1	2	6		1,008			9	1	2	4	6	11
Rolling and crowing machines													3	73	1			
Construal machines	1									1								
Country and millinery, miscellaneous														6				
Cutting and cropping machinery, miscellaneous	10	1		3	3		2		11	21			17	3			4	4
Dredges					11													
Farm machinery —																		
Balers (hay and straw)									1		1		1					
Binders and mowers					1												2	
Corn shredders (not engines)																		
Thrashing machines (not engines)					1					1								

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Of petroleum, benzine, gasoline, spirits, etc.	1	1	15	6	18	5	1	1	1	68	8	7	2	1	7	4	2
Of powder, and other high explosives —				12	9						3			1			
Regular				8												1	
Explosives				4	3					3					1		
Of steam, steam-boilers, steam-cockets, steam-pipes and connections, miscellaneous	5	6	9	8	57	15	1	3	6	120	2	15	8	1	1	7	17
Explosions, miscellaneous	4	8	2	2	15	9	3	1	3	97	1	11	2		3	2	7
Hot materials, hot objects, and great heat —																	
Men catching fire from miscellaneous sources										3							
Flames out of ovens and furnaces, conflagrations	2	3	9		10	4	1	2	1	172	2	10	1		2	3	2
Fluid or glowing metals, slag, ashes	4	43	1	37	18	18			1	2,108		1	6		1	12	5
Hot liquids and hot water	30	10	9	6	55	8	6	7	26	178	1	26	11		1	7	17
Hot objects or tools	5	6	42	5	21	4	5		1	578		10	7			3	5
Hot or glowing masses, miscellaneous	6	1	3	3	17		2			75	1	8	3			4	1
Poisonous materials —																	
Poisonous gases (exclusive of asphyxiation by same)		2			1					10		1	4				2
Poisonous materials, miscellaneous			1	2	6		4			83		2	1			1	
Injuries due to handling glass and porcelain	5	6	11		23	5		9	1	42		1	9		4	13	15
Injuries due to nature of material, not otherwise classified	1	2	3	1	8	2		1	1	32			1			1	
Total	75	115	237	118	395	136	34	30	45	4,117	6	7	91	3	80	215	99
ACCIDENTS DUE TO OBJECTS —																	
Flying or recoiling objects (not from working machine or material)	4	25	203	58	266	32	8	20	5	2,496	3		11	1	8	77	21
Bumping against objects and tools	27	12	146	25	120	21	16	28	10	1,288	4	1	30		13	44	14
Falling, sliding, shifting or rolling objects —																	
Breaking down of scaffolds, ladders, staging and other temporary structures																	
Cave-ins and falls, or rolls of rock, sand and earth masses (exclusive of mine roofs and draw slate)		2	4	3	154	2	1	2		51	2		2			3	1
Falls of coal (mines)			1	25	162	6		1		10			8				1
Falls of roof (mines)				251													
Falls of draw-slate (mines)				337													
Falls of draw-slate (mines)				184													

From means of ascent —															
Gangplanks of boats.....	10	18	25	175	36	11	17	4	218	13	1	24	31	17	4
Stairs of ascent, miscellaneous.....	18	3	20	38	12	6	8	6	82	8	1	19	30	20	10
Means of ascent, miscellaneous.....			2	8	2	1	8		10	8		4		2	1
From means of structural work, building, and other considerable heights —															
From poles and trees.....			1	8	77				9			1		2	3
From trellises, scaffolds, runways, joists, walls, etc., not due to breaking down or collapse.....	1	11	22	1	277	4	8		88	5		12	6	6	2
From trellises, scaffolds, runways, joists, walls, etc., due to breaking down or collapse.....	1	1	9	1	296	2	5		68	2	1	7	7	4	2
Out of windows, off roofs, etc.....			2	58	2		1	1	18			3	2	2	2
From high places, miscellaneous.....	3	3	18	10	98	18	19	4	76	8		18	4	6	2
Falling, slipping or stumbling on floors or other ordinary surfaces.....	51	17	79	58	282	33	56	34	866	16	3	72	74	78	1
Falling, slipping or stumbling over objects or because of defective flooring.....	12	5	57	44	207	22	25	8	608	4	1	37	30	28	6
From trains, street-cars, mine-cars, and all kinds of conveyances running on tracks (exclusive of those falls where a horse or other draft animal was the primary cause) —															
Due to sudden stop or start.....			2	1	1	1	2		9	1		1		1	2
Off moving conveyance.....				6	4	1	1	2	3			1		1	2
While boarding or alighting while conveyance was standing still.....	1	2	2	4	7	1			17			1	3	1	2
While boarding or alighting while conveyance was moving.....				7	4		1		3			1	1	1	1
Falls from trains, etc., miscellaneous.....		8	2	2	8	1	2		30	1		2		1	27
From all other means of transportation (exclusive of those falls where a horse or other draft animal was the primary cause) —															
Due to sudden stop or start.....	4			1	7	5	1	1				1	4	5	7
Off moving conveyance.....	2	1	2	3	22	10	18	2	11			4	13	8	19
While boarding or alighting while conveyance was standing still.....	11		1	2	9	6	6	1	12	1		7	16	18	12
While boarding or alighting while conveyance was moving.....	2		1		4	2			2				2	2	5
Falls from other means of transportation, miscellaneous.....	3		3	2	18	4	6	2	9	8	1	3	6	9	13
Into elevator shafts, holstways, traps, and similar openings (exclusive of mine shafts).....	2	1	1		27	1	3	2	16	1		2	3	4	3

Run down or struck by moving train, etc.	7	2	3	61	20	8	1	3	2	24	1	4	3	24	2
Mine-cars, miscellaneous			58		1					1					
Trains, etc., not otherwise classified		8	1	11	20	4		5		20	2		1	25	
Total	7	6	10	708	22	10	1	14	4	123	2	6	6	202	7
ACCIDENTS DUE TO TRANSPORTATION BY WATER					2										
MEANS OF TRANSPORTATION (EXCLUSIVE OF FALLS AND OF THOSE ACCIDENTS WHERE A HORSE OR OTHER DRAFT ANIMAL WAS THE PRIMARY CAUSE)															
Braking				2	3						1			1	
Collisions (including collisions of vehicles with trains or cars)	16		1	2	20	12		14	2	10	1	10		17	4
Run down or struck by moving vehicles, trucks, etc.	2		22	6	32	8	1	10	2	54	2	7		10	3
Due to being ditched or overturned	1		1		7	15		2				1		8	2
Jammed between vehicles, between vehicles and objects, etc.	3		9	6	14	1	1	6	3	56	1	2		5	2
Other means of transportation, not otherwise classified	3		14	2	50	8	3	13	3	51	1	6		24	10
Total	25		47	18	126	44	5	45	10	171	6	29		65	21
ACCIDENTS DUE TO ANIMALS —															
Horses and mules —															
Falls off of	1			2	1					1				3	
Kicks	9			42	25			8	5	4	5	2		28	11
Rites	6		1	10	16	4		2	5	6	1	4		5	2
Runaways	9		1	9	20	1		15	5	3	8	9		17	10
Due to sudden stops or starts	3		1	1	20	1		7		4	2	7		8	6
Accidents due to horses and mules, miscellaneous	6	1	1	31	21	7	1	23	5	15	1	4		26	6
Other animals	1			1	1			1	12	2		7		1	11
Total	35	2	3	95	84	13	1	56	27	83	11	2	26	88	46
ACCIDENTS DUE TO HAND (TRADE) TOOLS AND SIMPLE APPARATUS	34	46	551	306	945	109	121	107	206	4,290	21	15	125	67	94
MISCELLANEOUS CAUSES —															
Freezing and frost bites				1	7	2		3	1	4					
Lightning				1						1				4	

TABLE VI — Continued.
C. TEMPORARY DISABILITY — Continued.

Cause of Accident.	Industry Class.													Total.			
	XV	XVI	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV	XXV	XXV-A	XXVI		Ab- stract. (a)	Public Em- ployes.	Sec- tion 27.
ACCIDENTS DUE TO MACHINERY —																	
Motors and engines (exclusive of accidents by being run over) —																	
Air compressor	3	1	3														2
Animal power							1	1									1
Electric motors and dynamos											5	1	1				48
Gas and gasoline engines and compressed air motors	4	1	7	5	10	4	5	3	1		35	3	9	1	18	3	386
Steam engines	9	10	5	1	1		4			1	2		1	1	1		123
Water power installations																	2
Motors and engines, miscellaneous	3		1		1		1	1			3	2					69
Transmission apparatus —																	
Cog, gear and friction wheels	3	15	11	23	9		9	37	1		6	4	8	1	1		416
Drive-belts and pulleys associated with them	6	45	27	5	18	1	17	43	4		4	2	33	2			649
Rope, cable and chain-drive	14	8	10	1	5	2	3	1			3	1	10		3		153
Shafts and shaft couplings	4	16	8	1	1		3	1			1		2			1	139
Sheave-drums and cables	1		1	1			1								11		11
Transmission apparatus, miscellaneous			1					1					2				19
Working machines (exclusive of hoisting machinery) —																	
Air-hose	1		3	1	5	3						1	1				177
Reading machines and seamers			1	1	6						1			1			62
Boring, drilling and reaming machines, including drill presses	17	7	12	6	8	2	12	1	1		2	4	31	1	1	2	1,446
Rotting and crowning machines																	78
Centrifugal machines											1		1				4
Laundry machinery, miscellaneous																	6
Cutting and chopping machinery, miscellaneous	2	2	4	3	6		1	24			27	1	5		1		150
Dredges																1	13
Farm machinery —																	
Balers (hay and straw)												2					5
Binders and mowers																	4
Corn shredders (not engines)																	5

TABLE VI—Continued.
C. TEMPORARY DISABILITY—Continued.

Cause of Accident.	Industry Class.														Section Em- ployes. 27.	Total.
	XV	XVI	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV	XXV	XXV-A	XXVI	Ab- struct. (a)		
ACCIDENTS DUE TO MACHINERY—Continued.																
<i>Pressing machines (not engines)</i>																2
<i>Paper machinery, miscellaneous</i>	1						1	1				1			3	22
<i>Finishing machines in textiles, leather, felt and paper (exclusive of accidents due to rolls and calendars of same)</i>																6
<i>Grinding and polishing machines—</i>																
<i>Bursting of wheel</i>																70
<i>Driving particles</i>			1	16	40	1	1	12	1	1	12	7	1	11	1	4,329
<i>Other</i>	21	32	43	4	16	2	1	36	1	1	6	2	81	2	1	1,245
<i>Lathes</i>	3	4	29	4	16	2	6	6			6	2	32	2	1	1,178
<i>Mills (grinding, crushing, etc.)</i>	14	13	4	3	17	2					7	2	26	2	1	1,186
<i>Milling machines</i>	11	3	13	6	4		15				6	2	1		1	949
<i>Mining machines</i>		1			2						2		4		1	75
<i>Nail mills</i>			1												1	45
<i>Paper making and paper box machinery (exclusive of rolls and calendars and of those machines clearly falling into other classes—</i>																
<i>Corner stayers and edging machines</i>					1								1			43
<i>Paper cutting, trimming and slitting machines</i>	38							2								75
<i>Paper machinery, miscellaneous</i>	47															186
<i>Planers, shapers, slotters and facers</i>	155		4	22				1			3	1				588
<i>Power lammers, steam and electric riveters and allied machines</i>	7	7	3		6		4	4			2	1	86	1	2	982
<i>Power presses</i>	17	1	1	2	2	2	3	1		1	3	6	9	6		753
<i>Preparatory machines in the textile trades</i>	3	23	40	115	9	1		9			9	21	14			50
<i>Printing and binding machinery, miscellaneous</i>								49								
<i>Presses</i>	4			65	2								1		1	81
<i>Rolls and caenders</i>	8	4	4	27	50		1	17	4		1	1	2		2	990
<i>Saws</i>	5	23	13	42	8		9	7	1		20	3	259	2	2	1,250
<i>Screw and threading machines</i>	1		2		2			1			1		3			1,233

TABLE VI — Continued.
C. TEMPORARY DISABILITY — Continued.

Cause of Accident.	Industry Class.																Total.
	XV	XVI	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV	XXV	XXV-A	XXVI	Ab- stract. (a)	Public Em- ploys.	Sec- tion. 27.	
ACCIDENTS DUE TO NATURE OF MATERIAL USED — Concluded.																	
Of petroleum, benzine, gasoline, spirits, etc.	1	1	2	3	9		8				5		1		4		176
Of powder, and other high explosives —																	
Regular	1		8				7										41
Premature	3		3	1			2										19
Other			2				5										21
Of steam, steam-boilers, steam-cookers, steam-pipes and connections.																	
Explosions, miscellaneous.	30	20	19	2	17	1	11	3	1		15	2	9		6		422
Hot materials, hot objects, and great heat —	14	2	7	2	4	1	2	3			9	2	3		1		251
Men catching fire from miscellaneous sources.	1																4
Flames out of ovens and furnaces, conflagrations.	36	2	15	1	5	1	4	1			5	2	12	2	2		312
Fluid or glowing metals, slag, ashes.	247	6	17	16	8	2	5	1		1	11	3	7	3	3		2,531
Hot liquids and hot water.	29	13	11	3	12		7	8			50	5	16		15	2	575
Hot objects or tools.	96	14	33	1	19	3	3	2			5	2	2	2	1		576
Hot or glowing masses, miscellaneous.	12	2	7		4			1			3	1	5				159
Poisonous materials —																	
Poisonous gases (exclusive of asphyxiation by same).	3						1				1				1		29
Poisonous materials, miscellaneous.		3		5	1		1				1		1				62
Injuries due to handling glass and porcelain.	7	7	768	6	4			4			124	4	7	5	5		1,924
Injuries due to nature of material, not otherwise classified.																	
Total	534	106	963	53	123	11	83	33	2	1	235	30	87	17	65	8	8,533
ACCIDENTS DUE TO OBJECTS —																	
Flying or recoiling objects (not																	

from working machine or material).....	236	60	104	12	151	36	46	25	6	1	48	27	51	6	21	2	4,111
Bumping against objects and tools.....	85	53	143	23	141	5	13	44	2	.....	90	14	33	2	11	2	2,605
Falling, sliding, shifting or rolling objects.....	13	3	6	3	3	1	9	4	1	.....	19	1	2	1	2	.....	303
Breasting down of scaffolds, ladders, staging and other temporary structures.....	16	107	1	.....	3	61	.....	.....	.....	.....	3	4	.....	.....	33	2	461
Cavens and falls, or rolls of rock, exclusive of mine roofs and (law slate).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	254
Falls of coal (mines).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	254
Falls of roof (mines).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	250
Falls of draw-late (mines).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	195
Falling down and collapse of buildings, walls, arches, cornices, shelves, etc.....	4	1	7	.....	1	.....	1	.....	.....	.....	2	1	.....	.....	.....	1	72
Falling down or shifting of piled-up bales of goods, piles of lumber, objects, etc. (Not as a result of moving or unloading).....	37	19	59	9	33	17	21	6	2	.....	19	16	25	.....	5	1	1,160
Falling or shifting objects or tools while loading or unloading by hand.....	128	62	119	21	64	21	111	17	6	2	114	126	58	2	35	4	3,651
Falling or shifting or dropping objects or tools as a result of handling, moving, carrying or piling in shops, warehouses, etc., by hand.....	857	180	395	82	638	39	208	73	21	13	223	139	152	20	79	9	11,392
Mine squeezes.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	10
Falling, sliding, etc., of miscellaneous objects.....	135	62	140	23	171	20	74	18	2	6	74	47	31	11	34	7	2,961
Handling sharp-edged objects.....	69	23	51	13	23	6	5	23	.....	2	59	29	22	3	3	.....	2,949
Nails, splinters, etc., attached.....	35	58	62	35	56	7	17	83	5	2	120	15	94	4	8	3	2,614
Stepping on sharp or edged objects.....	45	68	58	23	16	4	13	13	3	.....	77	22	23	8	13	2	1,923
Doors and gates (exclusive of elevator gates) and windows.....	15	16	24	7	12	3	7	21	2	1	54	15	12	1	3	.....	641
Objects, not otherwise classified.....	13	13	18	3	14	3	3	7	.....	.....	22	2	10	.....	1	.....	421
Total.....	1,188	623	1,294	255	1,317	154	589	339	50	28	924	458	518	58	247	50	35,673
ACCIDENTS DUE TO CARRYING, LIFTING OR HANDLING GREAT WEIGHTS.....	56	64	60	23	98	4	45	13	4	1	98	31	41	3	34	3	2,343
ACCIDENTS DUE TO FALLS (EXCLUSIVE OF FALLS FROM HORSES OR OTHER ANIMALS).....	9	8	7	2	10	1	5	2	1	1	3	6	1	.....	9	1	256
Caused by tools slipping and ropes breaking.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

(a) The term "abstract" is used by the Industrial Commission to cover operations not included under any of the classifications specifically enumerated in the Ohio State Insurance Manual.

TABLE VI—Continued.
C. TEMPORARY DISABILITY—Continued.

Cause of Accident.	Industry Class.														Total.	
	XV	XVI	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV	XXV	XXV-A	XXVI	Ab- stract. (a)		Sec- tion. 27.
ACCIDENTS DUE TO FALLS (EX- CLUSIVE OF FALLS FROM HORSES OR OTHER ANI- MALS—Concluded.																
From means of ascent—																
Ladders.....	13	18	30	4	17	3	12	12	2	.....	69	5	28	2	21	872
Gang-planks of boats.....	6	22	13	8	16	2	1	19	4	.....	58	6	14	2	17	14
Stairs.....	1	1	5	1	3	1	1	3	.....	.....	13	2	.....	.....	.....	544
Means of ascent, miscellaneous.....																70
From structural work, build- ings, and other considerable heights and trees.....			2	.....	.....	1	1	1	1	.....	2	2	.....	.....	3	125
From trestles, scaffolds, runways, joists, walls, etc., not due to breaking down or collapse.....	21	7	31	1	3	.....	5	3	.....	2	23	5	4	1	6	569
From trestles, scaffolds, runways, joists, walls, etc., due to break- ing down or collapse.....	8	7	21	2	3	.....	4	1	1	1	10	1	3	3	17	414
Out of windows, off roofs, etc.....	1	4	4	.....	2	.....	3	1	.....	.....	2	2	2	.....	8	123
From high places, miscellaneous.....	7	11	11	.....	2	3	9	5	2	1	16	6	5	.....	7	375
Falling, slipping or stumbling on floors or other ordinary sur- faces.....	53	79	132	20	118	5	30	38	9	4	160	40	37	1	42	2,642
Falling, slipping or stumbling over objects or because of defective flooring.....	56	26	86	10	36	9	34	23	3	2	53	21	26	1	34	1,621
From trains, street-cars, mine- cars, and all kinds of con- veyances running on tracks (exclusive of those falls where a horse or other draft animal was the primary cause) —																
Due to sudden stop or start.....			1	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	1	23
Off moving conveyance.....			4	.....	.....	.....	3	2	.....	.....	3	1	.....	.....	.....	62
While boarding or alighting while conveyance was standing still.....	4	1	3	.....	1	1	2	.....	1	.....	6	2	.....	.....	.....	121
While boarding or alighting while conveyance was moving.....	1		1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	56

TABLE VI—Concluded.
C. TEMPORARY DISABILITY—Concluded.

Cause of Accident.	Industry Class.													Total.			
	XV	XVI	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV	XXV	XXV-A	XXVI		Abstract. (a)	Public Em- ployees.	Sec- tion 27.
ACCIDENTS DUE TO TRAINS, STREET-CARS, MINE-CARS, ETC.—Concluded.																	
Run down or struck by moving train, etc.	16	1	14			1	11				3	4		1	15	1	262
Mine-cars, miscellaneous	1		8				4					1				1	106
Trains, etc., not otherwise classified	1	1	22			1	7				1	2			3	1	142
Total	42	3	117		1	8	66	1			10	10		1	24	11	1,578
ACCIDENTS DUE TO TRANSPOR- TATION BY WATER.							1										3
ACCIDENTS DUE TO OTHER MEANS OF TRANSPORTA- TION.—EXCLUSIVE OF FALLS AND OF THOSE AC- CIDENTS WHERE A HORSE OR OTHER DRAFT ANIMAL WAS THE PRIMARY CAUSE)																	
Braking			1														10
Collisions (including collisions of vehicles with trains or cars).	2	2	4	6	5		2				20	15		1	20		229
Run down or struck by moving vehicles, trucks, etc.	12	4	12	2	8	1	1	2			18	6	4	42	2		336
Due to being ditched or over- turned			1	1			2				9	6	1	4	6	3	77
Jammed between vehicles, be- tween vehicles and objects, etc.	7	2	13		3		3	1	1		4	5	3		4	1	169
Other means of transportation, not otherwise classified.	6	5	9	2	4	4	8				13	21			9	3	302
Total	27	13	40	11	20	5	16	3	1		64	53	8	5	81	9	1,123
ACCIDENTS DUE TO ANIMALS — Horses and mules — Falls off of.			2								3	1					15

TABLE VII—SUMMARY SHOWING NATURE OF DISABILITY OF INJURED EMPLOYEES WHO RECEIVED AWARDS FOR PERMANENT PARTIAL DISABILITY, DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915.

Nature of Disability.	Number of Cases.
Both Eyes —	
Total loss of vision, one eye; 80% loss of vision, other eye.....	2
Total loss of vision, one eye; one-third loss other eye.....	1
Less than one-half loss of vision.....	2
Nine-tenths loss of right eye, and one-fifth loss of left eye.....	1
One Eye —	
Total loss of vision.....	216
More than one-half loss of vision.....	49
One-half loss of vision.....	60
Less than one-half loss of vision.....	54
Ear —	
Total loss of hearing in one ear.....	6
Total loss of hearing in one ear; partial loss other ear.....	1
One-half loss of hearing in one ear.....	2
Arms —	
Total loss of one arm.....	23
Total loss of left arm and two-fifths use of right hand.....	1
Loss of use of more than one-half one arm.....	4
One-fourth loss of use of each arm.....	1
Loss of use of one-half one arm.....	6
Loss of use of less than one-half one arm.....	23
Shoulders —	
Loss of two-thirds shoulder movement.....	1
Loss of one-half shoulder movement.....	1
Loss of less than one-half shoulder movement.....	3
Elbow —	
Loss of one-half movement of elbow.....	2
Loss of less than one-half movement of elbow.....	6
Wrist —	
Total loss of movement of wrist.....	1
Loss of one-half of movement of wrist.....	1
Loss of one-half movement of wrist and one-third loss of use of one hand.....	1
One Hand —	
Total loss.....	44
More than one-half loss of use of one hand.....	10
Total loss left hand, one-third loss second finger right hand.....	1
One-half loss of use of one hand.....	6
Less than one-half loss of use of one hand.....	16
Finger or Fingers, Thumb or Thumbs on Both Hands —	
Total loss, both thumbs and left first finger.....	1
Right thumb total loss; left thumb one-half loss.....	1
Both second fingers, one-third loss.....	1
Total loss, four fingers, right hand; second finger, left hand; two-thirds loss third and fourth fingers left hand.....	1
Loss of use of one-fourth first finger; one-third, second finger; two-thirds third finger; three-fourths fourth finger, right hand; one-half loss of use of fourth finger, left hand.....	1
Total loss second finger, right hand; one-third loss both third fingers.....	1
Total loss thumb, left hand; fourth finger, right hand.....	1
One-third loss, left first finger; two-thirds loss right first finger.....	1
One-third loss both first fingers.....	1
Thumb and One or More Fingers (One Hand) —	
Thumb, first, second, and third fingers, total loss.....	1
Thumb, first and second fingers, total loss; third finger two-thirds loss.....	1
Thumb, first and second fingers, total loss.....	3
Thumb, and first finger, total loss; second finger, two-thirds loss.....	2
Thumb, first finger and corresponding metacarpals, total loss.....	1
Thumb, first finger and one-half corresponding metacarpals, total loss.....	2
Thumb and first finger total loss; second two-thirds; third one-third loss.....	1
Thumb, fourth finger and corresponding metacarpals, total loss.....	1
Thumb, fourth finger and fifth metacarpal, total loss amputation; first, second and third fingers, one-fifth loss, ankylosis.....	1
Thumb, fourth finger and fifth metacarpal, total loss, amputation; first, second and third fingers, total loss, ankylosis.....	1

TABLE VII—Continued.

Nature of Disability.	Number of Cases.
Thumb and One or More Fingers (One Hand) — Concluded.	
Thumb and first finger, total loss.....	4
Thumb and third finger, total loss, ankylosis; fourth finger total loss, amputation.....	1
Thumb, total loss, second finger, two-thirds loss.....	1
Thumb, total loss; first and second fingers, one-third loss.....	1
Thumb total loss, first finger two-thirds loss.....	2
Thumb total loss, first, second, third and fourth fingers one-third loss.....	2
Thumb total loss, third fingers, two-thirds loss; fourth finger one-third loss.....	1
Thumb total loss; second finger, one-third loss.....	2
Thumb one-half loss, first, second and third fingers, total loss.....	1
Thumb, one-half loss, first, second and third fingers total loss, fourth finger, one-third loss.....	1
Thumb, one-half loss, first and second fingers, two-thirds loss, third finger, one-third loss.....	2
Thumb, one-half loss, second and third fingers, one-third loss.....	1
Thumb, one-half loss; second and third fingers, total loss, amputation; first finger, three-fourths loss, ankylosis.....	1
Thumb, one-half loss; first finger total loss.....	2
Thumb, one-half loss; fourth finger, total loss.....	1
Thumb, one-half loss; first finger, two-thirds loss.....	1
Thumb, one-half loss; first finger, one-third loss.....	1
Thumb, one-third loss; first finger, two-thirds loss, ankylosis.....	1
Thumb, one-third loss; first finger, one-fourth loss, ankylosis.....	1
Thumb, one-fourth loss; first finger, three-fourths loss; second finger, one-half loss, ankylosis.....	1
Thumb, third and fourth fingers, one-fourth loss, ankylosis.....	1
Thumb —	
Total loss thumb and metacarpal.....	4
Total loss.....	68
Total loss, ankylosis.....	2
One-half loss.....	83
One-half loss, ankylosis.....	7
Less than one-half loss, ankylosis.....	2
First, Second, Third and Fourth Fingers —	
First, second, third and fourth fingers, total loss; second, third and fourth metacarpals one-half loss.....	1
Total loss, four fingers and metacarpals.....	2
Total loss, four fingers and one-half metacarpals.....	1
Total loss, four fingers, and one-half third, fourth and fifth metacarpals.....	2
Total loss, four fingers and middle metacarpal.....	1
Total loss.....	14
Total loss, ankylosis.....	2
First, second and third fingers, total loss; fourth finger, two-thirds loss.....	5
First, second and third fingers, total loss, fourth finger, one-third loss.....	3
First, second and fourth fingers, total loss; third finger, one-third loss.....	1
First finger, total loss; second, third and fourth fingers, one-third loss.....	1
First finger, total loss; second finger, two-thirds loss; third and fourth fingers, one-third loss.....	1
First finger, two-thirds loss; second, third and fourth fingers, total loss.....	4
First finger, two-thirds loss, ankylosis; second, third and fourth fingers, total loss, amputation.....	1
First finger, one-half loss; second, third and fourth fingers, total loss, ankylosis.....	1
First, second and third fingers, two-thirds loss; fourth finger total loss.....	1
First, second and third fingers, two-thirds loss; fourth finger, one-third loss.....	2
First, second and fourth fingers, one-third loss; third finger, two-thirds loss.....	3
First, second fingers, one-third loss; third and fourth fingers and one-half fifth metacarpal, total loss.....	1
First and fourth fingers, one-third loss; second and third fingers, two-thirds loss.....	4
First and fourth fingers, one-third loss; second and third fingers, total loss.....	1
First finger, one-third loss; second, third and fourth fingers, and metacarpals, total loss.....	1
First finger, one-third loss; second, third and fourth fingers, total loss.....	2
First finger, one-third loss, ankylosis; second, third and fourth fingers, total loss, amputation.....	1

TABLE VII—Continued.

Nature of Disability.	Number of Cases.
First, Second, Third and Fourth Fingers—Concluded.	
First finger, one-third loss; second, third and fourth fingers, two-thirds loss	2
First finger, one-fourth loss; second finger, one-third loss; third finger, one-half loss; fourth finger, two-thirds loss	1
First finger, one-third loss; second, third and fourth finger total loss, ankylosis	1
First, Second and Third Fingers—	
Total loss	4
First and second fingers, total loss, ankylosis; third finger, total loss, amputation	1
First and second fingers, total loss; third finger, two-thirds loss	2
First and second fingers, total loss, amputation; third finger, one-half loss, ankylosis	1
First and second fingers, total loss; third finger, one-third loss	3
First finger, total loss; second finger, three-fourths loss; third finger, one-half loss	1
First finger, total loss; second finger, two-thirds loss; third finger, one-third loss	1
First finger, total loss; second and third fingers, one-third loss	1
First finger, total loss; second finger, one-third loss; third finger, two-thirds loss	1
First finger, two-thirds loss; second and third fingers, total loss	2
First and second fingers, two-thirds loss; third finger, total loss	1
First and second fingers, two-thirds loss; third finger, one-third loss	6
First and second fingers, two-thirds loss, amputation; third finger, one-third loss, ankylosis	1
First and third fingers, two-thirds loss; second finger, total loss	2
First finger, two-thirds loss; second and third fingers, one-third loss	1
One-third loss	6
First finger, one-third loss, ankylosis; second and third fingers, one-third loss, amputation	1
First and third fingers, one-third loss; second finger, total loss	1
First and third fingers, one-third loss; second finger, two-thirds loss	3
First finger, one-third loss; second and third fingers, total loss	2
First finger, one-third loss; second and third fingers, two-thirds loss	5
First, second and third fingers, one-half loss; ankylosis	1
First and second fingers, four-fifths loss; third finger, one-fourth loss, ankylosis	1
First and third fingers, one-half loss; second finger, total loss, ankylosis	1
First and third fingers, one-fourth loss, ankylosis; second finger, two-thirds loss, amputation	1
First, Second and Fourth Fingers—	
First and second fingers, three-fourths loss; fourth finger, one-half loss, ankylosis	1
First, Third and Fourth Fingers—	
Two-thirds loss	1
One-third loss	1
First finger, three-fifths loss; third finger, two-fifths; fourth, two-thirds loss, ankylosis	1
First finger, one-third loss; third and fourth fingers, two-thirds loss	1
First and Second Fingers—	
Total loss	23
Total loss, ankylosis	1
First finger, total loss; second finger, two-thirds loss	1
First finger, total loss; second finger, one-third loss	2
Two-thirds loss	13
First finger, two-thirds loss; second finger, total loss	1
First finger, two-thirds loss; second finger, one-third loss	7
First finger, three-fifths loss; second finger, three-tenths loss, ankylosis	1
First finger, three-fifths loss; second finger, two-fifths loss, ankylosis	1
First finger, one-third loss; second finger, total loss	5
First finger, one-third loss; second finger, three-fourths loss, ankylosis	1
First finger, one-third loss; second finger, two-thirds loss	9
First finger, total loss; second finger, two-thirds loss, ankylosis	1
First finger, total loss, amputation; second finger, one-third loss, ankylosis	1
First finger, one-third loss, amputation; second finger, one-half loss, ankylosis	1
One-third loss	16
One-third loss, ankylosis	2
One-half loss, ankylosis	2
First and second fingers, two-thirds loss, ankylosis	1
First finger, two-fifths loss, ankylosis; second finger, one-third loss, amputation	1
One-fourth loss, ankylosis	1

TABLE VII—Continued.

Nature of Disability.	Number of Cases.
First and Third Fingers —	
Total loss	1
One-third loss	3
First finger, two-thirds loss; third finger, total loss	1
First and Fourth Fingers —	
First finger, one-third loss; fourth finger, total loss	1
One-half loss, ankylosis	1
Second, Third and Fourth Fingers —	
Total loss fingers and corresponding metacarpals	1
Total loss fingers, fourth and fifth metacarpals and third metacarpal, one-half loss	1
Total loss	5
Second and third fingers, total loss; fourth finger, two-thirds loss	4
Second finger, total loss; third finger, two-thirds loss; fourth finger, one-third loss	1
Two-thirds loss, amputation	2
Two-thirds loss, ankylosis	1
Second and third fingers, two-thirds loss; fourth finger, one-third loss	1
Second finger, two-thirds loss; third and fourth fingers, total loss; one-half, fifth metacarpal	3
Second finger, two-thirds loss; third and fourth fingers, one-third loss	1
One-third loss	9
One-third loss, ankylosis	1
Second and third fingers, one-third loss; fourth finger, total loss	1
Second and third fingers, one-third loss; fourth finger, total loss, ankylosis	1
Second and third fingers, one-third loss; fourth finger, two-thirds loss	1
Second and fourth fingers, one-third loss; third finger, two-thirds loss	2
Second finger, one-third loss; third and fourth fingers, total loss	1
Second finger, one-third loss; third finger, two-thirds loss; fourth finger, total loss	1
Second finger, one-third loss; third and fourth fingers, two-thirds loss	2
Second finger, one-third loss; third finger, one-fourth loss; fourth finger, two-thirds loss, ankylosis	1
One-half loss, ankylosis	1
Second finger, two-fifths loss; third finger, one-fourth loss; fourth finger, one-tenth loss, ankylosis	1
One-fourth loss, ankylosis	1
Second finger, one-fourth loss; third finger, total loss; fourth finger, one-tenth loss, ankylosis	1
Second finger, one-fourth loss; third finger, one-half loss; fourth finger, two-thirds loss	1
Second finger, one-fourth loss; third and fourth fingers, one-third loss, ankylosis	1
Second finger, one-fourth loss, ankylosis; third and fourth fingers, one-third loss, amputation	1
Second and Third Fingers —	
Total loss	9
Second finger, total loss; third finger, two-thirds loss	2
Second finger, total loss; third finger, one-third loss	1
Second finger, two-thirds loss; third finger, total loss	2
Second finger, one-half loss; third finger, total loss	1
Two-thirds loss	7
Two-thirds loss, ankylosis	1
Second finger, two-thirds loss; third finger, one-third loss	3
Second finger, one-third loss; third finger, two-thirds loss	2
Second finger, one-third loss; third finger, two-thirds loss, ankylosis	1
One-third loss	38
Second finger, one-third loss, ankylosis; third finger, one-third loss, amputation	1
One-third loss, ankylosis	6
Three-fourths loss, ankylosis	1
Second finger, three-fifths loss, ankylosis; third finger, three-fourths loss, ankylosis	1
Second finger, one-third loss; third finger, total loss, ankylosis	1
Second finger, one-half loss; third finger, two-thirds loss, ankylosis	1
One-half loss, ankylosis	1
One-fourth loss, ankylosis	1
Second and Fourth Fingers —	
One-third loss	2
Third and Fourth Fingers —	
Total loss, with loss of metacarpal	2
Total loss, with loss of fourth and one-half fifth metacarpal	2
Total loss	10
Total loss, ankylosis	3

TABLE VII — Continued.

Nature of Disability.	Number of Cases.
Third and Fourth Fingers — Concluded.	
Third finger, total loss, ankylosis; fourth finger, total loss, amputation	3
Third finger, total loss; fourth finger, two-thirds loss, ankylosis	1
Third finger, total loss, amputation; fourth finger, one-half loss, ankylosis	1
Third finger, total loss; fourth finger, one-third loss	2
Third finger, total loss, amputation; fourth finger, one-third loss, ankylosis	1
Two-thirds loss	8
Two-thirds loss, ankylosis	2
Third finger, two-thirds loss; fourth finger, total loss	5
One-third loss	10
Third finger, one-third loss; fourth finger, total loss	3
Third finger, one-third loss; fourth finger, total loss, ankylosis	1
Third finger, one-third loss; fourth finger, two-thirds loss	1
One-half loss, ankylosis	2
Third finger, one-half loss, ankylosis; fourth finger, total loss, amputation	1
Third finger, one-half loss, ankylosis; fourth finger, two-thirds loss, amputation	1
Third finger, one-fifth loss; fourth finger, total loss, ankylosis	1
Fourth finger, total loss; metacarpal, one-half loss	1
First Finger —	
Total loss	72
Total loss, ankylosis	9
Two-thirds loss	97
Two-thirds loss, ankylosis	9
One-third loss	200
One-third loss, ankylosis	17
Three-fourths loss, ankylosis	2
One-half loss, ankylosis	13
Less than one-half loss, ankylosis	3
Second Finger —	
Total loss of finger and metacarpal	2
Total loss	24
Total loss, ankylosis	17
Two-thirds loss	45
Two-thirds loss, ankylosis	4
One-third loss	197
One-third loss, ankylosis	12
Three-fourths loss, ankylosis	2
One-half loss, ankylosis	7
Less than one-half loss, ankylosis	1
Third Finger —	
Total loss	21
Total loss, ankylosis	4
Two-thirds loss	22
Two-thirds loss, ankylosis	4
One-third loss	88
One-third loss, ankylosis	8
Three-fourths loss, ankylosis	1
One-half loss, ankylosis	3
Fourth Finger —	
Total loss of finger and metacarpal	4
Total loss of finger and one-half metacarpal	1
Total loss	39
Total loss, ankylosis	11
Two-thirds loss	26
Two-thirds loss, ankylosis	5
One-third loss	68
One-third loss, ankylosis	6
Three-fourths loss, ankylosis	1
One-half loss, ankylosis	7
Leg or Legs —	
Total loss	8
Total loss due to shortening and ankylosis	1
Ankylosis, equals one-half loss right leg, and one-fourth left leg	1
One-fifth loss of use of each leg	1
More than one-half loss due to ankylosis	1
One-half loss due to ankylosis	1
Less than one-half loss due to shortening, ankylosis, etc.	2
Two-thirds loss of knee-joint, ankylosis	1
Three-fifths loss of knee-joint, ankylosis	1
Ankylosis, causing stiffness of the knee	8

TABLE VII — Concluded.

Nature of Disability.	Number of Cases.	
Foot or Feet —		
Total loss	25	
Total loss, ankylosis.....	1	
One-third loss of each foot, ankylosis.....	1	
More than one-half loss, ankylosis.....	6	
One-half loss, ankylosis.....	5	
Less than one-half loss, ankylosis.....	25	
Partial ankylosis of ankle.....	1	
Toes —		
Total loss, first four toes, both feet.....	1	
Total loss, all toes, one foot, and first metatarsal.....	1	
Total loss, all toes, one foot.....	2	
Total loss, first toes and metatarsal.....	2	
Total loss, great toe.....	16	
Total loss, first and second toes and metatarsal.....	1	
First, second, third toes and metatarsals.....	1	
Total loss, first and second toes and first metatarsal.....	1	
Total loss, first and second toes.....	5	
Total loss, first, second and third toes.....	8	
Total loss, second and third toes.....	2	
Total loss, second, third and fourth toes.....	1	
Total loss, second, third, fourth and fifth toes.....	1	
Total loss, third and fourth toes.....	2	
Total loss, third, fourth and fifth toes and metatarsals.....	1	
Total loss, fourth and fifth toes.....	4	
Total loss, one toe (other than great toe) and metatarsal.....	1	
Total loss, one toe (other than great toe).....	40	
Not otherwise classified.....	11	
Total	2,417	

TABLE VIII—NUMBER OF ACCIDENTS FOR WHICH CLAIMS FOR PERMANENT PARTIAL DISABILITY WERE ALLOWED DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915, BY CAUSE AND BY NATURE OF INJURY.

(In the table below accidents ascribed to machinery as a cause are shown in detail, by type of machine. Accidents not ascribed to machinery are shown by general causes only, as there is no direct connection between the cause and the resultant type of disability for these classes of accidents. The nature of the resultant disability is also shown by general groups only, since the connection between cause and disability is the same, for example, whether the loss of vision in an eye be total or partial or whether one or several fingers have been cut off by a given machine.)

Cause of Accident.	Total or partial loss of											
	One eye.	Both eyes.	Hear- ing in one ear.	One arm.	One hand.	Finger or fingers, or thumb in any combina- tion, on one or both hands.	One Leg.	Both Legs.	One Foot.	Toe or toes on one or both feet.	Miscel- laneous.	Total.
ACCIDENTS DUE TO MACHINERY —												
Motors and Engines —												
Gas and gasoline engines and compressed air motors.				1	1	5						6
Steam engines				2		14				1		18
Transmission Apparatus —												
Gear, gear and friction wheels.				3	3	84			3	2		95
Drive belts and pulleys.	3			7	1	19		1				31
Rope, cable and chain-drive.						10			1			11
Shafts and shaft-couplings.				3	1	7	1					12
Sheave drums and cables.						4						4
Working Machines (exclusive of hoisting ma- chinery) —												
Air-hose	1					1						2
Bending machines and seamers.						2						2
Boring, drilling and reaming machines, including drill presses	10					88	1			1		60
Bottling and crowning machines.	2					4						6
Centrifugal machines				3	1							4
Cutting and chopping (miscellaneous)	1					18			1 (a)			15
Farm machinery												
Belers (hay and straw)						1						1
Grinding and polishing machines —												
Bursting of wheel	1											1
Finishing particles	21											21
Other	1				1	95						98
Lathes	11			2	2	18						24
Mills (grinding, crushing, etc.)	1					8			1	1		15

TABLE VIII — NUMBER OF ACCIDENTS FOR WHICH CLAIMS FOR PERMANENT PARTIAL DISABILITY WERE ALLOWED DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915, BY CAUSE AND BY NATURE OF INJURY.

(In the table below accidents ascribed to machinery as a cause are shown in detail, by type of machine. Accidents not ascribed to machinery are shown by general causes only, as there is no direct connection between the cause and the resultant type of disability for these classes of accidents. The nature of the resultant disability is also shown by general groups only, since the connection between cause and disability is the same, for example, whether the loss of vision in an eye be total or partial or whether one or several fingers have been cut off by a given machine.)

Cause of Accident.	Total or partial loss of											
	One eye.	Both eyes.	Hear- ing in one ear.	One arm.	One hand.	Finger or fingers, thumb or thumbs, in any combina- tion, on one or both hands.	One Leg.	Both Legs.	One Foot.	Toe or toes on one or both feet.	Miscel- laneous.	Total.
ACCIDENTS DUE TO MACHINERY —												
Motors and Engines —												
Gas and gasoline engines and compressed air motors.				1	1	5						6
Steam engines				2		14				1		18
Transmission Apparatus —												
Gear, gear and friction wheels.				3	3	84			3	2		95
Drive belts and pulleys.	3			7	1	10		1				31
Rope, cable and chain-drive.						10						10
Shafts and shaft-couplings.				3	1	7	1					12
Shaft drums and cables.						4						4
Working Machines (exclusive of hoisting ma- chinery) —												
Air hose	1					1						2
Beading machines and seamers.						2						2
Boring, drilling and reaming machines, including drill presses	10					38	1			1		50
Rolling and crowding machines.	2					4						6
Centrifugal machines				3	1							4
Centring and chopping (miscellaneous).	1					13			1 (a)			15
Farm machinery —												
Balers (hay and straw).						1				1		1
Grinding and polishing machines —												
Bursting of wheel.	1											1
Flaying particles	21				1	25						21
Other	2					13						28
Lathes	11					8						24
Mills (grinding, crushing, etc.)	1			2	2				1	1		15

Milling machines	1	18	4	1	1	17	6
Mining machines (coal mines)	1	1	1	1	1	1	1
Paper making and paper box machinery (exclusive of rolls and cutters, and of those machines clearly of other classes) —	1	1	1	1	1	1	1
Paper cutters, trimming and slitting machines	1	1	1	1	1	1	1
Paper machinery, miscellaneous	1	1	1	1	1	1	1
Planers, shapers, sloters and facers	1	1	1	1	1	1	1
Power hammers, steam and electric riveters and allied machines	1	1	1	1	1	1	1
Power presses	1	1	1	1	1	1	1
Preparatory machines in the textile trades	1	1	1	1	1	1	1
Printing and binding machinery, miscellaneous	1	1	1	1	1	1	1
Pumps	1	1	1	1	1	1	1
Rolls and calenders	1	1	1	1	1	1	1
Saws (power)	1	1	1	1	1	1	1
Screw and threading machines	1	1	1	1	1	1	1
Shoe machinery	1	1	1	1	1	1	1
Spinning machinery	1	1	1	1	1	1	1
Stamping, shearing and punching machines (sheet metal)	1	1	1	1	1	1	1
Steam, compressed air, gasoline and electric drills	1	1	1	1	1	1	1
Steam shovels	1	1	1	1	1	1	1
Ventilating and exhaust machines	1	1	1	1	1	1	1
Wire drawing and reeling machines	1	1	1	1	1	1	1
Wood working machines, miscellaneous	1	1	1	1	1	1	1
Working machinery, miscellaneous	1	1	1	1	1	1	1
Hoisting Apparatus and Conveyors —							
Block and tackle, windlasses, capstans and pulleys	1	1	1	1	1	1	1
Conveyors	1	1	1	1	1	1	1
Cranes	1	1	1	1	1	1	1
Derricks	1	1	1	1	1	1	1
Elevators	1	1	1	1	1	1	1
Hay forks	1	1	1	1	1	1	1
Hoists	1	1	1	1	1	1	1
Self-acting inclined planes (mines)	1	1	1	1	1	1	1
Hoisting apparatus, miscellaneous	1	1	1	1	1	1	1
Accidents due to assembling and fitting of parts of machines, or dismantling of machines	1	1	1	1	1	1	1
Machinery not otherwise classified	1	1	1	1	1	1	1
Total	118	1	34	43	1,280	9	1,484

(a) Practically loss of both feet.

TABLE VIII — Concluded.

Cause of Accident.	Total or partial loss of											Total.
	One eye.	Both eyes.	Hear- ing in one ear.	One arm.	One hand.	Finger or fingers, or thumbs, in any combina- tion, on one or both hands.	One Leg.	Both Legs.	One Foot.	Toe or toes on one or both feet.	Miscel- laneous.	
ACCIDENTS DUE TO NATURE OF MATERIAL USED.	45	5	5	2	8	18	2	2	1	1	3	87
ACCIDENTS DUE TO OBJECTS.	62	1	1	9	6	248	9	9	14	42	3	392
ACCIDENTS DUE TO CARRYING, LIFTING OR HAND- LING GREAT WEIGHTS.				1								1
ACCIDENTS DUE TO FALLS (EXCLUSIVE OF FALLS FROM HORSES OR OTHER ANIMALS).	4			17	9	23	10		17	3	3	86
ACCIDENTS DUE TO TRAINS, STREET-CARS, MINE- CARS AND ALL KINDS OF CONVEYANCES RUN- NING ON TRACKS (EXCLUSIVE OF FALLS AND EXCLUSIVE OF ACCIDENTS WHERE A HORSE OR OTHER DRAFT ANIMAL WAS THE PRIMARY CAUSE).				3	1	64	4		8	5		76
ACCIDENTS DUE TO OTHER MEANS OF TRANS- PORTATION (EXCLUSIVE OF FALLS AND OF THOSE ACCIDENTS WHERE A HORSE OR OTHER DRAFT ANIMAL WAS THE PRIMARY CAUSE).			1	3	2	8	1	1	5			20
ACCIDENTS DUE TO ANIMALS.			1	2	1	10			2	2	1	20
ACCIDENTS DUE TO HAND (TRADE) TOOLS AND SIMPLE APPARATUS.	144			2	3	70			1	5		225
MISCELLANEOUS CAUSES OF SERIOUS ACCIDENTS. CAUSES NOT OTHERWISE CLASSIFIED.	6			2		14				1	1	23
Grand Total	380	5	9	75	73	1,672	89	1	65	87	14	2,417

TABLE IX — NUMBER OF CLAIMS FOR TEMPORARY DISABILITY ALLOWED DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915, BY NATURE OF INJURY AND BY INDUSTRY CLASS.

Nature of Injury.	Industry Class.																	
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII-A	XIII-B	XIII-C	XIII-D	XIII-E	XIV
ABRASIONS, BRUISES, CONTU- SIONS, CRUSHES, CUTS, LACERATIONS, PUNCTU- TURES (INCLUDING WOUNDS FROM SPIN- TERS) AND SCRATCHES—																		
<i>Head, Neck and Face—</i>																		
Eyes or eyelids.....	4	11	83	87	111	16	19	22	1	733	5	3	23	20	10	.....	3	13
Face.....	3	9	79	47	227	32	13	23	9	742	5	1	23	14	13	.....	13	70
All other.....	16	28	135	101	623	43	13	54	19	937	19	3	32	27	30	1	21	106
<i>Trunk—</i>																		
Back, chest, sides, abdomen.....	6	6	78	100	241	38	10	42	12	516	11	5	31	13	31	.....	17	73
Arms, testicles, scrotum.....	3	2	21	11	74	10	1	9	2	37	.....	.....	.....	2	10	.....	3	5
All other.....	6	1	13	32	63	9	3	13	3	109	3	.....	17	10	10	.....	10	15
<i>Upper Extremities—</i>																		
Arm, elbow, shoulder.....	42	20	156	72	297	42	25	67	43	1,457	16	2	46	67	133	1	39	79
Wrist.....	15	4	55	13	92	5	10	13	18	477	3	3	15	30	19	11	21	6
Fingers, thumb, hand.....	223	164	1,513	632	1,893	139	431	637	305	14,057	72	26	427	421	220	11	166	294
All other.....	1	.....	11	3	14	1	1	3	5	49	.....	.....	4	1	6	.....	1	4
<i>Lower Extremities—</i>																		
Leg, knee, hip.....	31	24	155	220	542	69	14	99	27	1,541	17	7	74	73	103	3	47	159
Ankle.....	6	2	23	43	75	9	1	15	.....	230	2	.....	9	12	11	.....	5	13
Toes, foot.....	33	50	374	337	1,329	103	31	127	36	4,063	23	12	113	100	132	60	205	65
All other.....	1	1	6	17	24	3	1	5	3	46	3	1	18	7	4	.....	5	8
<i>Not Otherwise Classified.....</i>	14	11	30	77	136	13	5	21	5	203	3	2	26	24	13	.....	23	50
Total.....	408	333	2,732	1,847	5,805	542	533	1,155	438	25,270	133	65	531	535	755	16	439	452
AMPUTATION OR LOSS OF PART NOT SUFFICIENT TO CAUSE DISABILITY—																		
Tooth or teeth.....	.....	.....	2	4	11	.....	.....	2	.....	38	1	.....	1	.....	.....	.....	1	5
Fingers.....	9	1	59	13	63	1	23	44	5	397	3	1	13	11	4	.....	7	1
Toes.....	.....	.....	.....	.....	7	.....	.....	.....	1	23	.....	.....	.....	.....	.....	.....	.....	.....
All other.....	.....	.....	.....	.....	.....	1	.....	4	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	9	1	61	23	81	2	23	50	6	400	4	1	14	12	4	.....	8	7

TABLE IX — Continued.

Cause of Accident.	Industry Class.																	
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII-A	XIII-B	XIII-C	XIII-D	XIII-E	XIV
AMPUTATIONS, OTHER —																		
Temporary disability exceeding per-																		
manent disability (a).....										8						1		
Temporary disability but became																		
permanent partial in next per-										2								
iod (b)																		
Total										10						1		
BURNS (INCLUDING ELEC-																		
TRIC BURNS), CAUTER-																		
IZATIONS, SCALDS —																		
Head, Neck and Face.....	3	36	81	15	58	18	3	3	3	914	1	1	45	13	6	4	27	13
Eyes or eyelids.....	2	4	8	6	17	9	1		2	134	3		6	2	6	1	11	4
Face	3	10	11	10	22	16	1		3	143	1	1	7	4	6	1	5	3
All other	2	3	2	7	10			1	1	88			4	1	1		1	3
Trunk																		
Upper Extremities —																		
Arm, elbow, shoulder.....	16	8	32	14	37	10	11	4	0	549	1		23	11	6	4	13	6
Wrist	3	6	3	3	9	4	2	1		86	2		7	1	2		5	2
Fingers, thumb, hand.....	21	13	62	17	95	22	7	2	8	722	4		38	8	29	7	72	14
All other	5		9		15	4	2	2	2	71			3		5	1	3	1
Lower Extremities —																		
Leg, knee, hip.....	4	4	5	6	22	6	1	2	4	241			10	2	4	1	2	5
Ankle			6		2	6	1		1	128			1			1	1	1
Toes, foot	3	5	28	5	34	6	3	1	5	1,092			12	1	3	1	2	7
All other		1			7		1			52							3	8
Not Otherwise Classified	12	11	15	13	26	21	4	4	3	386	3	1	15	9	24	3	26	17
Total	71	98	265	93	384	122	37	20	41	4,609	15	3	171	54	93	22	168	79

(a) In the group of 15 cases, the injured employees suffered temporary disability in connection with their injuries which entitled them to compensation in excess of what the awards would have been for the permanent partial disabilities which resulted.

(b) This group of 7 cases were carried as temporary disabilities to June 30, 1915, but were determined to be permanent partial disabilities after that date.

CONCUSSION —														
Brain	1	2	3	1	34	1	1	3	1	14	1	1	2	2
Spine		2		2	2									1
Total	1	4	3	1	36	1		3	3	16	1	1	2	3
DISLOCATIONS —														
<i>Upper Extremities —</i>														
Fingers, thumb or hand, any joint.	2	1	13	10	19	1	3	10	1	69			2	0
Wrist			3	5	14	3	2	4		9				1
Elbow			1	3	5	1		1		8			3	2
Shoulder	3	1	7	3	19	6	2	4	6	30	3	1	3	1
All other				6	4	6	3	2		3	1		1	
<i>Trunk</i>	1		2	4	9	3	2	2		11	2		1	
<i>Lower Extremities —</i>														
Toes, foot, any joint.			3	3	4					4			3	2
Ankle			1	11	22	3		3		15	1		2	2
Knee	2			1	3	1		1	1	5			1	1
All other	1			8	13	1		3	1	12	1	1	1	
Total	9	2	29	58	114	13	9	31	9	166	8	2	18	10
ELECTRIC SHOCK —														
			1	3	1	4				18			1	8
FOREIGN BODY IN EYE OR EYES —														
	7	29	888	67	340	33	94	54	8	7,474	4	7	98	100
FRACTURES —														
<i>Head, Neck and Face —</i>														
Skull	1	1	1	3	18	1		1		23			3	2
All other	1	3	7	10	22	5	1	5	1	67			5	6
<i>Trunk —</i>														
Collar-bone	1	1	1	20	29	4	1	5	1	17	2		3	2
Rib or ribs	16	6	44	91	247	27	8	58	9	280	15	8	41	23
Spinal processes				2	2			1		2			1	1
All other	1			9	22			8	1	16	3		1	
<i>Upper Extremities —</i>														
Fingers, thumb, hand, any bone.	17	7	68	55	161	12	15	35	4	741	5		16	22
Wrist	4	1	11	10	51	13	1	5	3	86	3		13	8
Arm	8	9	16	43	128	16	7	16	8	136	11	1	37	16
All other				7	7		1			9			2	1
<i>Lower Extremities —</i>														
Toes or foot, any bone.	3	4	34	76	138	3	3	20		491	2		16	17
Ankle	3	1	5	19	36	3	1	2	2	31	2		2	6
Knee-cap (Patella)				5	5			1		1			1	

TABLE IX—Continued.

Nature of Injury.	Industry Class.													
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
FRACTURES—Continued.														
Leg other.....	6	2	11	79	148	9	3	23	5	131	1	1	25	15
All other.....			2	10	9			1	1	6			1	1
Not otherwise Classified.....		1	1	6	12	4	2	3		4				
Total.....	61	36	201	488	1,085	97	43	189	35	1,991	45	11	144	128
FREEZING AND FROST BITES—														
Fingers, toes, hands or feet.....				1	7	2		4	1	6				4
Total.....														
HEAT PROSTRATION			5		19	2	1	1		183			4	3
HERNIA—														
Inguinal.....	3	2	23	19	57	5	4	15	8	219	4		10	18
All other.....			3	1	4			1	1	12		1	1	1
Total.....	3	2	26	20	61	5	4	16	9	231	4	1	11	19
INTERNAL INJURIES	1	1	3	5	24	3		8		24			4	4
PARALYSIS				1	3		1			9				1
PHOTOPHOBIA (EXTREME SENSITIVITY TO LIGHT).....	1		2	3	3	7		1		59			8	29
POISONOUS SUBSTANCES—														
INJURIES FROM HANDLING, EXCLUSIVE OF BURNS		3	3		8		2		1	38		1		2

RUPTURE OF BLOOD VES-													
SELS													
RUPTURE OF MUSCLES OR													
TENDONS													
SPRAINS AND STRAINS —													
Head and Neck —													
Neck	1	2											1
All other													
Trunk —													
Back	25	14	105	109	232	66	6						96
Side		3	9	14	25	6	1						9
Groin													2
Testicles	1												
All other		1	5	1	10	1	1						3
Upper Extremities —													
Hands, fingers, thumbs, any joint	1	2	9	15	24	6							6
Wrist													
Elbow													
Shoulder													
All other													
Lower Extremities —													
Foot toes, any joint	4	2	15	23	36	7	1						8
Ankle													
Knee	16	14	62	84	259	35	6						81
Hip	4	2	14	24	73	13	2						22
All other													11
Not Otherwise Classified	1												2
Total	77	49	333	355	908	172	36						330
SUFFOCATION AND ASPHYXI-													
ATION —													
By gas				1	4								3
All other means			2	1	2								1
Total			2	2	6								3
SYNOVITIS AND TENOSYNO-													
VITIS													
			2		15	1							2

TABLE IX — Continued.

Nature of Injury.	Industry Class.																		
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIII-A	XIII-B	XIII-C	XIII-D	XIII-E	XIV
SIMULTANEOUS INJURIES OF TWO OR MORE TYPES TO ONE OR MORE PARTS OF THE BODY, AND ALL OF THE R COMPLICATED, GENERAL AND MISCEL. LANEIOUS INJURIES IM- POSSIBLE TO LOCALIZE..	25	12	53	127	253	20	1	31	5	425	9	.....	32	23	39	.....	27	54	20
Grand Total	680	572	4,573	8,043	9,125	1,064	884	1,715	668	43,856	326	106	1,604	1,260	1,209	34	861	2,137	937

TABLE IX — NUMBER OF CLAIMS FOR TEMPORARY DISABILITY ALLOWED DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1916, BY NATURE OF INJURY AND BY INDUSTRY CLASS — Continued.

Nature of Injury.	Industry Class.																Total.
	XV	XVI	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV	XXV	XXV-A	XXVI	Ab- tract. (a)	Public Em- ployes.	Sec- tion 27.	
ABRASIONS, BRUISES, CONTU- SIONS, CRUSHES, CUTS, LACERATIONS, PUNC- TURES (INCLUDING WOUNDS (FROM SPLIN- TERS) AND SCRATCHES—																	
Head, Neck and Face—																	
Eyes or eyelids.....	37	29	42	13	25	10	28	23	4	.....	35	12	40	5	8	3	1,517
Face.....	64	27	39	9	26	16	39	20	1	1	41	30	31	2	17	2	1,710
All other.....	129	53	135	28	28	20	75	46	7	3	106	44	52	9	35	4	3,066
Trunk—																	
Back, chest, sides, abdomen.....	49	23	57	7	57	7	30	20	4	4	39	24	31	1	30	10	1,646
Groin, testicles, scrotum.....	7	5	13	5	14	.....	3	2	1	.....	16	7	11	.....	1	1	341
All other.....	10	16	16	5	3	1	6	5	1	.....	22	10	10	.....	13	.....	441
Upper Extremities—																	
Arm, elbow, shoulder.....	59	73	173	35	102	7	31	69	.....	2	115	34	43	6	23	8	3,408
Wrist.....	21	29	104	17	38	.....	9	16	2	1	44	10	23	2	7	.....	1,140
Fingers, thumb, hand.....	632	751	1,315	427	841	57	395	708	57	18	815	251	877	42	141	19	29,343
All other.....	6	7	6	5	12	.....	2	2	.....	.....	10	1	-6	1	6	.....	168
Lower Extremities—																	
Leg, knee, hip.....	151	78	179	32	100	25	112	36	3	5	159	77	63	3	65	.....	4,349
Ankle.....	22	12	15	3	13	4	12	9	8	3	14	10	6	.....	6	1	635
Toes, foot.....	296	223	334	77	427	39	200	65	8	11	230	94	85	21	72	8	9,417
All other.....	9	5	7	.....	6	.....	2	.....	2	.....	9	2	1	1	4	.....	189
Not Otherwise Classified.....	29	13	46	7	15	4	14	5	2	.....	48	17	12	5	19	2	990
Total.....	1,520	1,358	2,471	670	1,707	190	949	1,013	90	48	1,702	623	1,291	98	452	58	58,322
AMPUTATION OR LOSS OF PART NOT SUFFICIENT TO CAUSE PERMANENT DISABILITY—																	
Tooth or teeth.....	3	1	4	.....	3	.....	1	.....	.....	.....	3	.....	2	1	1	2	39
Portions of fingers.....	3	24	32	23	25	3	8	17	1	.....	36	6	85	.....	3	1	941
Portions of toes.....	.....	.....	2	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
All other.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
Total.....	6	27	33	23	29	2	11	17	1	.....	39	6	88	1	4	3	1,077

(a) The term "abstract" is used by the Industrial Commission to cover operations not included under any of the classifications specifically enumerated in the Ohio State Insurance Manual.

TABLE IX — Continued.

Nature of Injury.	Industry Class.														Section 37.	Total.
	XV	XVI	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV	XXV	XXV-A	XXVI	Abstract (a)	Public Em- ployes.	
• AMPUTATIONS, OTHER —																
Temporary disability exceeding per- manent disability (b).....		2			1		1				1	1				15
Temporary disability but became permanent partial in next per- iod (c).....			1	1	1		1								1	7
Total		2	1	1	2		2				1	1			1	22
BURNS (INCLUDING ELEC- TRIC BURNS), CAUTER- IZATIONS, SCALDS —																
Head, Neck and Face.....	77	21	37	11	21	1	18	3	1		18		15	3	2	1,478
Eyes.....	27	4	8	3	6	3	8	4			8		5	1	4	297
Ears.....	31	3	11		2	1	2	2			10		6		3	828
All other	15	2	7		6		1				1		1	1	4	168
Trunk Extremities —																
Upper Extremities.....																
Arm, elbow, shoulder.....	58	26	24	3	17	1	4	4			21	2	14	3	10	942
Wrist.....	33	3	8		3	1	3	1			2	2			1	192
Fingers, thumb, hand.....	81	19	48	13	33	3	8	3			49	5	10	1	17	1,444
All other	13	1	4	3	2		1	6			10	3	2		1	169
Lower Extremities —																
Leg, knee, hip.....	32	8	8		3		4				8	1	6		5	396
Ankle.....	30	1	3		2			1			2	1	1		1	190
Toes, foot.....	89	6	15	6	4		5	4			16	5	6	2	4	1,874
All other	80	0	2		3		2				2			1		78
Not Otherwise Classified.....	73	11	22	2	18	2	6	2			28	2	13		9	790
Total	563	110	192	41	123	12	60	30	5	3	175	26	89	11	61	7,841
CONCUSSION —																
Brain	7	2	2	3	1		5	2			7	3	3		6	121
Spine		2	3				1	1			2				2	30
Total	7	4	5	3	1		6	3			9	3	3		8	141
DISLOCATIONS —																
Upper Extremities.....																
Fingers, thumb or hand, any joint..	5	3	9	1	4		3	4			5	3	10		3	201

Wrist.....	3	7	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
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(a) The term "abstract" is used by the Industrial Commission to cover operations not included under any of the classifications specifically enumerated in the Ohio State Insurance Manual.

TABLE IX — Concluded.

Nature of Injury.	Industry Class.																Total.
	XV	XVI	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV	XXV	XXV-A	XXVI	Abstract (a)	Public Em- ployes.	Section 27.	
HERNIA— Inguinal	10	12	14	4	13	3	6	3	1		37	10	19	1	12	1	540
All other		2	2								1						25
Total	10	14	16	4	13	3	6	3	1		38	10	20	1	12	1	565
INTERNAL INJURIES	2	2	10		1		4	2			9	1	3		7		121
PARALYSIS	2						2				1				2		22
PHOTOPHOBIA (EXTREME SENSITIVITY TO LIGHT) ..	6	2	1	2	2	1		2			1			1	1		129
POISONOUS SUBSTANCES— INJURIES FROM HAND- LING, EXCLUSIVE OF BURNS		2	2	3	3		1	3			7		1		1		96
RUPTURE OF BLOOD VES- SELS			2	4	2	1	1				2	1	4				53
RUPTURE OF MUSCLES OR TENDONS	4	6	24	2		4	9	10	1		19	6	7		16	1	310
SPRAINS AND STRAINS— Head and Neck— Neck		1	4		1		2	1			2	2	1				43
All other																	7
Trunk— Back	59	58	66	15	96	6	45	12	5		77	35	22	1	24	3	2,322
Side	7	4	6		21		9	3			5	1	3	1	3		255
Groin	1	1	2		8		2				4	1	1	1	2		107
Testicles	1	2	1	3					1		3	2	3				62
All other	7	6	8	1	6	1	8	2	1		7	3			4		236
Upper Extremities— Hands, fingers, thumbs, any joint ..	10	2	9	3	20	1	6	6	2		10	6	3				315
Wrist	27	20	33	13	55	3	11	6	4	1	41	13	13	1	8	1	946
Elbow		3	1	1	6			1	2		2	2					70
Shoulder	9	12	14	4	15		2	3			17	7	7	1	6		351
All other	7	6	8	1	13			3	2		8	5	2		4		261

TABLE X—INFECTIONS OCCURRING IN CONNECTION WITH ACCIDENTS RESULTING IN TEMPORARY DISABILITY FOR WHICH CLAIMS WERE ALLOWED DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915, BY NATURE OF INJURY AND BY INDUSTRY CLASS.

Nature of Injury.	Industry Class.																		
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIII-A	XIII-B	XIII-C	XIII-D	XIII-E	XIV
Abrasions, Bruises, Contusions, Crushes, Cuts, Lacerations, Punctures (including Wounds from Splinters and Scratches).....	111	31	357	144	545	39	97	146	121	3,096	27	7	125	131	133	.....	57	48	82
Amputation or loss of part not sufficient to cause Permanent Disability.....			2		1		1	1	1	9	1			1			1		
Burns (including Electric Burns).....	3	5	20	4	22	7	3	3	2	396	2		24	4	1	.....	1	3	8
Cauterizations, Scalds.....					5														
Dislocations.....					5														
Foreign Body in Eye.....	1	2	28	25	36	6	12	3	5	363		1	8	2	2	.....	2	7	3
Fractures.....	1		2	3	11	1	1	2	2	27				8	1	.....	1	1	
Internal Injuries.....					2			2		1						.....		
Freezing and Frost-Bites.....										1									
Paralysis.....														1		.....		
Photophobia (extreme sensitivity to light).....				1						14								9	
Poisonous Substances (injuries from handling, exclusive of Burns).....		1					1			5			1			.....		1	
Rupture of Blood Vessels.....																			
Rupture of Muscles or Tendons.....					1					2			1			.....		
Sprains or Strains.....			1	3	6	1		1		12	1		1	1	3	.....	1	1	1
Synovitis or Tenosynovitis.....										6						.....	1		
Simultaneous injuries of two or more types to one or more parts of the body, and all other complicated general and miscellaneous injuries impossible to localize.....																			
Total.....	116	43	422	186	638	54	115	160	133	4,013	31	8	162	145	148	.....	64	70	97
Ankylosis included in infections above.			1	2	7		1	1	2	14				1	1	.....		

TABLE X — Concluded.

	XV	XVI	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV	XXV	XXV-A	XXVI	Abstract. (a)	Public Emplo- yees.	Sec- tion 27.	Total.
Abrasions, Bruises, Contusions, Cuts, Lacerations, Func- tures (including Wounds from Spin- ters and Scratches).....	108	162	313	81	178	7	53	201	7	13	389	92	138	18	78	11	7,125
Amputation or loss of part not suf- ficient to cause Permanent Disability.....				1	1		1										24
Burns (including Electric Burns).....																	618
Diseases.....	19	12	23	2	8	1	1				18	3	6		9	1	597
Foreign Body in Eye.....										1					3		90
Fractures.....	22	8	15	3	4	2	2	7			1	4	10	2	7	2	2
Injuries of Head.....	1	4	1	3				1			3	4	3		2		2
Internal Injuries.....															1		25
Poisoning.....																	13
Phonophobia (extreme sensitivity to light).....	1																18
Poisonous Substances (Injuries from handling, exclusion of Burns).....			1		1		1				2						8
Rupture of Blood Vessels.....			1	1			1										6
Rupture of Muscles or Tendons.....			1				1				1				5		51
Sprains or Strains.....		4		1		1	1				5	1			1		8
Synovitis or Tenosynovitis.....																	
Simultaneous injuries of two or more types to one or more parts of the body, and all other complicated gen- eral and miscellaneous injuries im- possible to localize.....																	
Total	146	184	370	96	202	11	67	215	7	14	375	107	205	20	111	14	8,751
Ankylosis included in infections above.		1	1		1						4				3		40

(g) The term "abstract" is used by the Industrial Commission to cover operations not included under any of the classifications specifically enumerated in the Ohio State Insurance Manual.

TABLE XI — TIME COST OF ACCIDENTS, FOR WHICH CLAIMS WERE ALLOWED DURING THE TWELVE MONTHS
ENDING JUNE 30, 1915, BY INDUSTRY CLASS AND BY TYPE OF CLAIM.

Industry Class.	Fatal Cases.		Permanent Total Disability.		Permanent Partial Disability.		Temporary Disability for more than 7 Days.		Temporary Disability of 7 Days or Less.	
	Num-ber of Acci-dents.	Life Expect-ancy Accord-ing to Carlisle's Mortality Table.	Number of Acci-dents.	Life Expect-ancy Accord-ing to Carlisle's Mortality Table.	Number of Acci-dents.	Number of Days for which Compen-sation was Allowed under the Ohio Act.	Number of Acci-dents.	Actual Number of Days Lost.	Number of Acci-dents.	Actual Number of Days Lost.
I. Bakers, confectioners, etc.....	1	33 68	.....	.....	22	6 415	315	10 096	197	459
II. Chemicals, paints and drugs.....	2	45 92	.....	.....	14	5 745	199	5 684	244	599
III. Coaches, carriages and wagons.....	3	62 54	.....	.....	85	21 870	1 089	25 088	2 304	4 596
IV. Coal mining.....	44	1 291 11	3	113 21	53	16 665	1 503	68 479	8 329	1 949
V. Contracting.....	a118	3 377 32	3	70 36	144	47 349	4 183	139 671	8 329	7 658
VI. Electrical.....	21	705 71	.....	.....	9	3 913	446	14 774	418	1 271
VII. Leather goods and shoes.....	1	17 53	.....	.....	15	3 010	275	6 474	346	698
VIII. Lumber.....	14	366 86	.....	.....	88	24 717	797	23 524	544	947
IX. Meat packing and stock yards.....	2	56 66	.....	.....	12	2 590	331	8 095	231	635
X. Metal.....	a76	2 104 66	1	28 96	665	184 614	11 775	292 075	19 549	37 231
XI. Mining.....	4	55 87	.....	.....	7	1 610	150	5 671	233	584
XII. Mining—except coal.....	2	59 37	.....	.....	.....	.....	56	1 455	84	70
XIII. Miscellaneous.....	7	193 86	.....	.....	28	8 247	611	18 775	599	1 399
XIII-A. Spirit mfrs., spirit merchants, etc.....	11	297 83	.....	.....	25	8 973	615	17 073	875	1 899
XIII-B. Laundries, ice companies, gas works, etc.....	6	146 59	.....	.....	21	6 781	643	15 588	471	1 037
XIII-C. High explosives.....	.....	.....	.....	.....	2	223	19	473	13	53
XIII-D. Drayage and transfer companies.....	3	98 74	.....	.....	8	2 025	443	13 487	227	485
XIII-E. Railway companies.....	18	544 45	.....	.....	22	8 747	783	21 433	700	2 558
XIV. Oils, etc.....	4	152 48	.....	.....	15	3 943	390	11 398	309	687
XV. Ore reduction and concentration.....	20	594 48	2	66 05	31	12 243	698	20 300	1 182	2 094
XVI. Paper.....	8	218 06	1	42 17	36	10 028	586	14 609	701	2 094
XVII. Pottery and glass.....	14	398 80	.....	.....	54	21 259	1 307	39 212	1 168	2 464
XVIII. Printing.....	3	111 95	1	40 04	21	3 465	889	8 386	804	904
XIX. Rubber and composition goods.....	2	66 27	.....	.....	34	10 063	889	20 860	880	2 575
XX. Stevedoring.....	3	591 74	1	25 00	3	1 481	109	4 325	112	2 575
XXI. Stone.....	17	116 55	.....	.....	47	15 568	648	19 573	467	1 208
XXII. Textiles.....	1	11 27	.....	.....	10	2 600	308	7 196	612	1 739
XXIII. Tobacco.....	1	37 14	.....	.....	1	.....	47	1 427	60	146
XXIV. Vessels.....	1	484 47	.....	.....	1	.....	35	1 014	15	36
XXV. Warehouses and stores.....	16	.....	.....	.....	40	12 502	1 178	38 589	1 036	2 128

TABLE XII — DURATION OF DISABILITY IN ACCIDENTS RESULTING IN TEMPORARY DISABILITY, FOR WHICH CLAIMS WERE ALLOWED DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915.

Industry Class.	Total Number of Accidents for which Claims were Allowed.	Number of Accidents in Which Disability Terminated Within					Period of Disability not yet Determined.
		First Week.	Second Week.	Third Week.	Fourth Week.	Fifth to Thirteenth Week.	Fourteenth Week or Later.
I. Bakers, confectioners, etc.....	680	955	130	92	62	124	14
II. Chemicals, paints and drugs.....	307	307	89	85	38	48	6
III. Carriages, carriages and wagons.....	4,573	3,124	569	361	171	317	21
IV. Coal mining.....	3,063	4,029	1,587	1,110	708	1,468	180
V. Contracting.....	1,084	519	190	135	45	177	274
VI. Electrical.....	584	452	166	85	45	177	8
VII. Leather goods and shoes.....	1,116	979	315	180	141	276	89
VIII. Lumber.....	43,866	27,063	6,514	4,019	2,942	8,644	11
IX. Meat packing and stock yards.....	423	124	66	32	22	74	845
X. Metal.....	1,001	83	18	21	11	11	11
XI. Milling (except coal).....	1,001	83	18	21	11	11	11
XII. Miscellaneous.....	1,001	83	18	21	11	11	11
XIII. A. Spinn mills and spirit merchants.....	1,001	83	18	21	11	11	11
XIII. B. Handicrafts, ice companies, gas works, etc.....	1,001	83	18	21	11	11	11
XIII. C. High explosives.....	1,001	83	18	21	11	11	11
XIII. D. Drayage and transfer companies, etc.....	1,001	83	18	21	11	11	11
XIII. E. Railway companies.....	1,001	83	18	21	11	11	11
XIII. F. Oils, etc.....	1,001	83	18	21	11	11	11
XIV. Ore reduction and concentration.....	1,001	83	18	21	11	11	11
XV. Paper.....	1,001	83	18	21	11	11	11
XVI. Pottery and glass.....	1,001	83	18	21	11	11	11
XVII. Printing.....	1,001	83	18	21	11	11	11
XVIII. Rubber and composition goods.....	1,001	83	18	21	11	11	11
XIX. Sledging.....	1,001	83	18	21	11	11	11
XX. Stone.....	1,001	83	18	21	11	11	11
XXI. Textiles.....	1,001	83	18	21	11	11	11
XXII. Tobacco.....	1,001	83	18	21	11	11	11
XXIII. Warehouses and stores.....	1,001	83	18	21	11	11	11
XXIV. Coal merchants, storage companies, scrap iron dealers, etc.....	1,001	83	18	21	11	11	11
XXV. Wood.....	1,001	83	18	21	11	11	11
XXVI. Abstract.....	1,001	83	18	21	11	11	11
XXVII. Public Employees.....	1,001	83	18	21	11	11	11
Section 27.....	1,001	83	18	21	11	11	11
Total.....	96,992	52,359	15,561	10,378	6,063	11,124	1,886

TABLE XIII—AWARDS MADE AND TIME COST OF ACCIDENTS BY CAUSE, AND BY TYPE OF CLAIMS FOR THE TWELVE MONTHS ENDING JUNE 30, 1916.
 Amounts attributed to the various causes do not include medical and hospital expenses in accidents reported by firms carrying self-insurance under the state plan, as they are compelled by law to furnish medical and hospital attention to their employees free of charge.]

Cause.	Fatal.			Permanent Total Disability.			Permanent Partial Disability.			Temporary Disability.		
	Number of Accidents.	Life expectancy according to Carlsberg Mortality Table.	Total Amount Awarded. (Includes Death Benefits, Medical and Hospital Expenses and Funeral Expenses.)	Number of Accidents.	Life expectancy according to Carlsberg Mortality Table.	Total Amount Awarded. (Includes Compensation, Medical and Hospital Expenses.)	Number of Accidents.	Number of Days which compensation was allowed under the Ohio Law.	Total Amount Awarded. (Includes Compensation, Medical and Hospital Expenses.)	Number of Accidents.	Actual Number of Days Lost.	Total Amount Awarded. (Includes Compensation, Medical and Hospital Expenses.)
ACCIDENTS DUE TO MACHINERY—												
Motors and Engines (exclusive of accidents by being run over)—												
Air compressors												
Animal power												
Electric motors and dynamos												
Gas and gasoline engines and compressed air motors												
Steam engines	1	22 50	\$3,018 40				5	773	\$1,337 00	292	5,991	9,615 00
Water power installations	2	55 44	7,436 00				13	3,206	5,312 00	99	1,824	1,701 00
Motors and engines miscellaneous										2	21	22 00
Transmission Apparatus—												
Cog. gear and friction wheels	3	74 48	6,789 50							65	1,167	1,928 00
Drive-belts and pulleys associated with them	8	96 42	7,601 84				76	23,166	86,081 00	306	5,141	7,226 00
Rope, cable and chain-drive							19	13,123	18,168 00	445	6,787	9,621 00
Shafts and shaft couplings	6	181 84	11,884 00				8	2,162	2,570 00	96	2,442	3,468 00
Sheave drums and cables	1	28 96	3,965 00				6	3,972	5,960 00	98	1,776	2,779 00
Transmission apparatus, miscellaneous							4	966	1,689 00	9	886	486 00
Working Machines (exclusive of hoisting machinery)—										17	104	108 00
Air-hose												
Beading machines and seamers							1	360	451 00	119	382	522 00
							2	164	192 00	42	420	508 00

	1	40 04	819 05	5	946	1,725 00	43	2,323	4,023 00
Mining machines							18	243	174 00
Ball mills									
Power presses									
chinery (exclusive of rolls and									
calenders and of those machines									
clearly falling in other classes)									
Corner layers and edging									
machines									
Fabric cutting, trimming and									
skiving machines									
Paper machinery, miscella-									
neous	1	14 92	8,315 00	5	2,286	2,961 00	41	565	732 00
Planers, shapers, sloters and									
lacers									
Power hammers, steam and elec-									
tric riveters and allied machines.									
Power-presses	1	43 57	165 00	79	18,015	25,069 00	133	1,544	1,866 00
Preparatory machines in the tex-									
tile trades									
Printing and binding machinery,									
miscellaneous									
Pumps									
Rolls and calenders	1	27 61	155 00	5	735	978 00	73	983	1,160 00
Saws	2	33 64	5,315 00	8	1,049	1,717 00	47	654	769 00
Screw and threading machines									
Sewing machines									
Shoe machinery									
Spinning machinery									
Stamping, shearing and punch-									
ing machines—sheet metal									
Steam compressed air, and elec-									
tric drills									
Steel shovels	1	37 86	560 00	109	45,261	61,433 00	923	12,683	15,383 00
Vibrating and exhaust ma-									
chines									
Weaving and knitting machinery.									
Welders all kinds									
Wire drawing and reeling ma-									
chinery									
Wood-working machinery, mis-									
cellaneous									
Working machines miscellaneous.									
Holding Apparatus and Con-									
voyers									
Block and tackle, windlasses,									
capstans, pulleys									
Conveyors	3	99 95	7,376 00	3	1,458	2,233 00	102	2,464	4,303 00
Cranes	16	548 78	41,585 80	7	3,647	5,445 00	85	1,690	2,177 00
Derricks	9	269 51	17,754 10	68	13,898	19,890 00	943	17,430	22,543 00
Elevators	14	470 07	33,488 50	5	1,252	2,220 00	153	3,970	5,751 00
Hayforks				10	6,765	8,589 00	378	9,538	13,842 00
Hoists				1	6,118	8,133 00	3	76	136 00
Mine cages				4	227	337 00	204	4,092	6,109 00
							5	92	92 00

TABLE XIII — Continued.

Cause.	Fatal.			Permanent Total Disability.			Permanent Partial Disability.			Temporary Disability.		
	Number of Accidents.	Life Expectancy according to the Carlisle Mortality Table.	Total Amount Awarded. (Includes Death Benefits, Medical and Hospital Expenses and Funeral Expenses.)	Number of Accidents.	Life Expectancy according to the Carlisle Mortality Table.	Total Amount Awarded. (Includes Compensation, Medical and Hospital Expenses.)	Number of Accidents.	Number of Days for which Compensation Allowed under the Ohio Law.	Total Amount Awarded. (Includes Compensation, Medical and Hospital Expenses.)	Number of Accidents.	Actual Number of Days Lost.	Total Amount Awarded. (Includes Compensation, Medical and Hospital Expenses.)
ACCIDENTS DUE TO MACHINERY — Concluded.												
Self-acting inclined planes (mines)	1	19 68	3,394 00				1	875	1,000 00	2	68	102 00
Hoisting apparatus, miscellaneous							6	2,752	4,017 00	120	8,080	4,384 00
Accidents due to assembling and fitting of parts of machines or dismantling of machines							8	1,149	1,916 00	385	8,385	4,573 00
Machinery, not otherwise classified	1	19 68	3,397 00				2	280	424 00	112	1,910	2,760 00
ACCIDENTS DUE TO NATURE OF MATERIAL USED—												
Corrosive materials and liquids, acids, alkalis, slaking lime, etc.	2	64 67	5,225 00				7	2,292	8,712 00	615	5,498	\$7,334 00
Electricity —												
Burns							2	791	1,494 00	344	4,457	7,922 00
Falls due to shocks	2	60 02	842 00				1	35	50 00	29	564	786 00
Shocks	28	906 21	61,378 58							52	535	789 00
Electricity, miscellaneous										130	712	785 00
Explosions and inflammability or heat of explosive substances —												
Of coal dust										4	67	63 00
Of gas	10	301 75	26,267 50				4	8,812	4,982 00	170	2,759	4,318 00
Of petroleum, benzine, gasoline, spirits, etc.	4	85 81	9,794 50				2	551	1,287 00	181	2,300	3,666 00

TABLE XIII — Continued.

Cause.	Fatal.		Permanent Total Disability.			Permanent Partial Disability.			Temporary Disability.		
	Num- ber of Acci- dents.	Life Expect- ancy Accord- ing to the Carlisle Mortality Table.	Total Amount Awarded. (Includes Death Benefits, Medical and Hospital Expenses and Funeral Expenses.)	Num- ber of Acci- dents.	Life Expect- ancy Accord- ing to the Carlisle Mortality Table.	Total Amount Awarded. (Includes Compen- sation, Medical and Hospital Expenses.)	Num- ber of Days for which Com- pen- sa- tion was Allowed under the Ohio Law.	Num- ber of Acci- dents.	Actual Number of Days Lost.	Number of Acci- dents.	Total Amount Awarded. (Includes Compen- sation, Medical and Hospital Expenses.)
ACCIDENTS DUE TO OBJECTS —											
Concluded.											
Falling down and collapse of buildings, walls, arches, cor- nices, shelves, etc.	7	176 12	20,061 72				47	1	1,865	52	2,908 00
Falling down or shifting of piled-up bales of goods, piles of lumber, objects, etc. (Not as a result of moving or un- loading)	3	96 56	6,896 50							671	14,209 00
Falling or shifting objects or tools while loading or un- loading by hand.	4	146 68	8,772 25				6,686	49	45,704	2,642	58,217 00
Falling or shifting or dropping objects or tools as a result of handling, moving, carrying or piling in shops, ware-houses, etc., by hand.	12	237 73	3,081 06				15,728	99	116,790	8,805	145,635 00
Mine squeezes									57	4	67 00
Falling, sliding, etc., of miscel- laneous objects	13	363 35	25,274 00				4,068	13	30,152	2,169	38,663 00
Handling sharp edged objects.							2,942	15	16,688	2,090	19,753 00
Nails, splinters, etc., attached	3	59 03	7,825 80				3,071	16	16,202	1,956	21,784 00
Stepping on sharp or edged ob- jects	2	20 45	6,675 00						11,803	1,550	18,600 00
Doors and gates (exclusive of elevator gates) and win- dows	2	40 75	6,613 65				2,350	13	4,968	455	6,040 00
Objects, not otherwise classified.							735	4	2,606	290	8,292 00

TABLE XIII — Continued.

Cause.	Fatal.			Permanent Total Disability.			Permanent Partial Disability.			Temporary Disability.		
	Num- ber of Acci- dents.	Life Expect- ancy Accord- ing to the Carlisle Mortality Table.	Total Amount Awarded. (Includes Death Benefit, Medical and Hospital Expenses and Funeral Expenses.)	Num- ber of Acci- dents.	Life Expect- ancy Accord- ing to the Carlisle Mortality Table.	Total Amount Awarded. (Includes Compensation, Medical and Hospital Expenses.)	Num- ber of Acci- dents.	Number of Days for which Compen- sation was Allowed under the Ohio Law.	Total Amount Awarded. (Includes Compensation, Medical and Hospital Expenses.)	Number of Acci- dents.	Actual Number of Days Lost.	Total Amount Awarded. (Includes Compensation, Medical and Hospital Expenses.)
ACCIDENTS DUE TO FALLS (EX- CLUSIVE OF FALLS FROM HORSES OR OTHER ANI- MALS) — Concluded.												
From all other means of trans- portation (exclusive of those falls where a horse or other draft animal was the pri- mary cause) —												
Due to sudden stop or start.....	4	86 46	11,886 50					2	998 00	88	1,325	2,080 00
Off moving conveyance.....										189	5,423	8,646 00
While boarding or alighting while conveyance was standing still.....	2	47 95	6,496 70							114	2,806	3,975 00
While boarding or alighting while conveyance was moving.....	1	24 46	2,628 00							35	905	1,812 00
Falls from other means of trans- portation, miscellaneous.....							1	875	1,533 00	121	3,382	4,716 00
Into elevator shafts, hoistways, traps, and similar openings (exclusive of mine shafts).....	9	262 65	18,680 13				1	350	546 00	87	2,995	4,798 00
Into excavations, empty vats, etc.	2	44 90	3,425 00				1	140	215 00	208	4,160	6,567 00
Into vats or other containers filled with water or other fluid, non-poisonous and not hot.....	1	14 24	229 00							2	15	9 00
Falls from, and injuries due to jumping.....	4	102 01	9,212 00				2	516	541 00	152	4,061	5,554 00
Falls, not otherwise classified....										581	12,477	17,561 00

ACCIDENTS DUE TO TRAINS STREET CARS, MINE CARS AND ALL KINDS OF CON- VEYANCES, RUNNING ON TRAILS, AND EXCLUSIVE OF FALLS AND OF ACCIDENTS WHERE A HORSE OR OTHER DRAFT ANIMAL WAS THE PRIMARY CAUSE)—													
Braking and switching.....	1	39 81	\$2,208 00					1	82	\$109 00	51	888	\$1,060 00
Contact with superstructure or roof.....											27	776	1,119 00
Collisions of two conveyances on tracks.....	9	267 68	24,508 42								85	2,071	3,205 00
Coupling and uncoupling cars and trucks.....	1	27 61	2,702 00					17	3,231	4,537 00	130	2,479	3,150 00
Derailments.....	2	61 95	2,711 50					2	815	541 00	122	2,023	4,066 00
Getting cars on or off track.....								3	1,213	1,328 00	64	1,155	1,430 00
Jammed between cars, between car and platform, etc.....	7	236 62	15,982 00					3	2,520	3,891 00	107	3,000	4,137 00
Jammed between mine-car and rib, between two mine-cars, etc.....	2	81 48	2,500 00					4	1,178	1,643 00	131	5,058	6,897 00
Run down or struck by moving train, etc.....	20	524 27	44,297 25	1	29 64	\$904 26		12	5,724	7,647 00	161	6,483	10,221 00
Mine-cars, miscellaneous.....								6	719	1,011 00	68	1,792	2,384 00
Trains, etc., not otherwise clas- sified.....								4	490	665 00	95	2,552	3,556 00
ACCIDENTS DUE TO TRANSPOR- TATION BY WATER.....	12	6558 48	\$14,944 00								8	90	\$111 00
ACCIDENTS DUE TO OTHER MEANS OF TRANSPORTA- TION (EXCLUSIVE OF FALLS AND OF THOSE AC- CIDENTS WHERE A HORSE OR OTHER DRAFT ANIMAL WAS THE PRIMARY CAUSE)													
Braking.....											5	241	\$360 00
Collisions (including collisions of vehicles with trains or cars).....	12	694 81	\$29,044 25					4	2,223	\$3,751 00	177	5,108	7,591 00
Run down or struck by moving vehicles, trucks, etc.....	7	231 10	17,664 15					6	2,393	3,417 00	241	6,808	10,176 00
Due to being ditched, or over- turning of wagons.....	4	188 51	7,770 47					2	1,514	2,256 00	77	2,286	3,514 00
Jammed between vehicles, be- tween vehicles and objects, etc.....				1	30 32	\$505 50		2	945	1,123 00	80	2,310	3,267 00
Other means of transportation, not otherwise classified.....	2	37 90	5,172 75					3	525	629 00	227	4,450	7,768 00

a Includes one case where age of decedent was not reported.

TABLE XIII — Concluded.

Cause.	Fatal.			Permanent Total Disability.			Permanent Partial Disability.			Temporary Disability.		
	Number of Accidents.	Life Expectancy according to the Carlisle Mortality Table.	Total Amount Awarded. (Includes Death Benefits, Medical and Hospital Expenses and Funeral Expenses.)	Number of Accidents.	Life Expectancy according to the Carlisle Mortality Table.	Total Amount Awarded. (Includes Compensation, Medical and Hospital Expenses.)	Number of Accidents.	Number of Days for which Compensation Allowed under the Ohio Law.	Total Amount Awarded. (Includes Compensation, Medical and Hospital Expenses.)	Number of Accidents.	Actual Number of Days Lost.	Total Amount Awarded. (Includes Compensation, Medical and Hospital Expenses.)
ACCIDENTS DUE TO ANIMALS—												
Horses and mules —												
Falls off of.....	1	27 61	\$3,421 00				1	214	\$456 00	11	483	\$688 00
Kicks.....										207	4,613	6,780 00
Bites.....	4	113 41	7,755 00				4	1,462	1,709 00	81	208	281 00
Runaways.....	1	24 46	3,422 00				3	257	393 00	148	5,369	8,946 00
Due to sudden stops or starts.....										117	3,766	4,799 00
Accidents due to horses and mules, miscellaneous.....	2	36 03	6,272 00				2	819	1,086 00	182	5,053	7,152 00
Other animals.....	2	40 79	4,776 00							68	468	818 00
ACCIDENTS DUE TO HAND (TRADE), TOOLS AND SIMPLE APPARATUS.....												
	3	65 98	\$7,990 55				159	66,327	\$99,982 00	7,024	71,084	\$86,053 00
MISCELLANEOUS CAUSES—												
Drowning.....	7	51 92 64	\$16,543 49									
Freezing and frost bites.....	1	27 61	3,775 00				3	427	\$342 00	23	723	\$955 00
Lightning.....										4	65	87 00
Suffocation and asphyxiation —	2	66 02	7,759 68									
By gas.....	1	88 69	153 00							41	391	401 00
By other means.....	4	106 50	6,073 50							15	124	189 00
Sunstroke and heat prostration.....										210	2,024	2,451 00
Intentional violence of fellow employee.....	8	105 32	7,620 80							36	450	680 00
Intentional violence of persons not employees.....	3	79 66	7,412 00				1	35	60 00	77	1,056	1,766 00
CAUSES NOT OTHERWISE CLASSIFIED.....												
	7	170 26	\$15,329 00				19	6,012	\$8,580 00	2,269	29,842	\$37,407 00
GRAND TOTAL.....				13	451 86	\$96,507 08	1,744	492 066	\$718,966 00	71,400	1,002,808	\$1,370,522 00

a Includes one case in which age of decedent was not reported.

TABLE XIV—CLASSIFIED AGES OF INJURED EMPLOYEES WHO RECEIVED AWARDS DURING THE TWELVE MONTHS ENDING JUNE 30, 1915.

Age.	Classified Age of Injured Employees by Type of Claim.				Total.
	Fatal.	Permanent Total Disability.	Permanent Partial Disability.	Temporary Disability.	
Under 18 years.....	11	1	28	750	790
18 and under 20 years.....	11	2	75	2,178	2,266
20 and under 30 years.....	119	4	399	13,966	14,478
30 and under 40 years.....	130	4	206	9,756	10,186
40 and under 50 years.....	96	2	192	5,872	6,162
50 and under 60 years.....	63	.....	117	2,709	2,889
60 and under 70 years.....	42	.....	47	886	975
70 and under 80 years.....	4	.....	4	111	119
80 years and over.....	1	.....	.....	4	5
Not reported	5	.....	489	35,178	35,672
Total	482	13	1,646	71,400	73,541

TABLE XV — NUMBER OF ACCIDENTS FOR WHICH CLAIMS WERE ALLOWED DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915, BY HOUR OF OCCURRENCE AND BY INDUSTRY CLASS.

(For Description of Industry Class, see Table IV.)

Hour of Day.	Industry Class.																	
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII-A	XIII-B	XIII-C	XIII-D	XIII-E	XIV
A. M. 12 (night) to 12.59.....	5	6	15	19	29	8	.....	3	1	341	1	.....	7	2	.....	4	27	5
1 to 1.59.....	2	7	16	11	26	2	2	4	1	371	2	.....	3	4	.....	3	24	6
2 to 2.59.....	8	2	27	6	31	4	3	1	2	452	1	.....	5	5	1	8	21	9
3 to 3.59.....	14	5	19	6	33	8	1	4	4	489	.....	10	2	8	.....	4	13	12
4 to 4.59.....	12	5	14	4	31	8	1	2	5	445	4	.....	9	6	.....	4	20	4
5 to 5.59.....	13	2	5	3	24	.....	1	1	.....	424	.....	1	14	9	1	5	30	12
6 to 6.59.....	19	6	26	37	27	.....	7	26	14	729	7	.....	14	31	.....	18	56	19
7 to 7.59.....	29	33	263	149	426	49	53	100	36	2,310	23	4	86	21	.....	36	34	34
8 to 8.59.....	51	39	419	312	812	76	87	171	37	3,238	23	13	129	77	.....	111	144	144
9 to 9.59.....	64	49	525	414	1,104	121	130	245	62	4,827	41	12	165	134	.....	144	175	93
10 to 10.59.....	91	80	675	479	1,189	166	180	238	96	4,768	43	12	158	182	.....	108	202	124
11 to 11.59.....	63	52	423	272	792	106	81	133	77	3,300	25	6	123	123	.....	69	129	95
P. M. 12 (noon) to 12.59.....	25	27	101	163	239	25	31	47	21	1,193	11	5	89	33	.....	40	115	23
1 to 1.59.....	29	43	263	207	657	70	60	125	36	2,552	15	8	83	75	.....	41	115	66
2 to 2.59.....	65	52	399	433	967	100	73	164	61	3,763	26	20	169	131	.....	71	139	88
3 to 3.59.....	64	61	543	357	1,123	116	90	211	61	4,063	44	11	172	186	.....	84	130	107
4 to 4.59.....	52	40	409	65	789	63	63	164	66	4,076	26	3	123	113	.....	86	169	99
5 to 5.59.....	24	13	136	32	296	43	31	71	33	1,357	13	3	71	49	.....	54	91	37
6 to 6.59.....	8	7	51	32	84	12	4	6	8	573	4	.....	19	15	.....	18	96	10
7 to 7.59.....	9	9	47	35	50	6	5	6	4	535	4	.....	17	9	.....	8	67	10
8 to 8.59.....	12	9	52	41	73	11	3	4	4	675	6	.....	17	14	.....	8	56	11
9 to 9.59.....	6	4	23	35	65	8	1	3	1	610	6	.....	14	8	.....	12	46	4
10 to 10.59.....	3	.....	20	23	43	7	2	4	1	612	3	.....	11	15	.....	7	45	9
11 to 11.59.....	10	6	26	24	48	5	.....	3	3	525	.....	.....	12	16	.....	4	60	4
Not reported.....	27	38	160	47	241	22	22	67	40	2,577	3	4	103	21	.....	28	37	34
Total.....	710	595	4,691	3,230	9,442	1,063	870	1,855	683	44,994	341	109	1,650	1,308	1,241	890	2,185	997

TABLE XV — Concluded.

Hour of Day.	Industry Class.												Total.				
	XV	XVI	XVII	XVIII	XIX	XX	XXI	XXII	XXIII	XXIV	XXV	XXV-A		XXVI	Ab- tract. (a)	Public Em- ployes.	Sec- tion 27.
A. M. 12 (night) to 12.59	33	14	34	4	35	2	2	6	1	10	6	13	1	641	13	1	641
1 to 1.59	49	20	31	5	33	2	2	3	1	17	1	3	1	654	3	1	654
2 to 2.59	52	29	36	6	45	5	4	4	1	15	3	8	2	733	8	2	733
3 to 3.59	57	34	34	9	41	2	10	4	1	13	2	4	3	886	4	3	886
4 to 4.59	77	29	36	7	22	2	4	5	1	15	3	9	3	799	9	3	799
5 to 5.59	39	32	36	8	37	1	1	2	2	20	4	1	3	1,469	19	3	1,469
6 to 6.59	66	36	36	6	50	1	1	4	2	15	3	9	3	792	9	3	792
7 to 7.59	156	103	109	44	125	13	38	55	7	97	15	15	23	5,087	40	7	5,087
8 to 8.59	215	127	333	75	203	29	143	98	16	189	101	101	178	7,735	77	17	7,735
9 to 9.59	231	218	381	95	220	30	174	149	21	285	117	129	254	10,207	129	25	10,207
10 to 10.59	223	221	413	124	221	23	221	167	19	359	151	129	254	11,469	129	25	11,469
11 to 11.59	172	146	232	81	184	23	94	143	15	257	99	97	181	7,964	101	13	7,964
P. M. 12 (noon) to 12.59	126	89	239	26	165	8	47	44	2	117	34	58	8	3,033	46	12	3,033
1 to 1.59	185	92	256	60	156	24	100	85	8	244	102	102	178	8,435	101	13	8,435
2 to 2.59	197	139	350	100	185	25	166	128	17	272	119	102	229	10,301	122	32	10,301
3 to 3.59	296	216	335	99	211	37	182	122	13	354	102	102	180	8,262	54	10	8,262
4 to 4.59	245	160	257	26	177	21	100	114	14	254	42	42	84	3,239	21	6	3,239
5 to 5.59	92	84	94	29	107	12	45	50	4	144	12	12	1	1,346	16	3	1,346
6 to 6.59	74	35	50	26	69	5	11	5	1	62	8	8	10	1,398	17	2	1,398
7 to 7.59	43	35	61	11	72	9	6	7	2	44	3	3	6	1,328	13	4	1,328
8 to 8.59	83	34	64	9	74	4	9	2	4	30	6	6	3	1,175	13	2	1,175
9 to 9.59	64	35	39	10	55	5	9	3	2	23	4	4	3	1,080	10	2	1,080
10 to 10.59	65	35	64	3	54	8	9	1	1	33	6	6	3	1,080	10	2	1,080
11 to 11.59	71	41	38	14	51	8	9	1	1	107	36	36	59	4,486	15	9	4,486
Not reported	95	105	75	35	161	6	87	98	2	107	36	36	59	100,003	15	9	100,003
Total	2,926	2,061	3,783	990	2,672	312	1,559	1,300	141	67	2,860	1,079	2,018	160	1,024	222	100,003

(a). The term "abstract" is used by the Industrial Commission to cover operations not included under any of the classifications specifically enumerated in the Ohio State Insurance Manual.

TABLE XVI — NUMBER OF ACCIDENTS FOR WHICH CLAIMS WERE ALLOWED DURING THE EIGHTEEN MONTHS
ENDING JUNE 30, 1915, OCCURRING ON EACH DAY OF THE WEEK, BY INDUSTRY CLASS.

Industry Class.	Total Number of Claims Allowed.	Number of Accidents Happening on							Day of Week not Reported.
		Sunday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Satur- day.	
I. Bakers, confectioners, etc.	710	32	112	111	119	125	119	90	8
II. Chemicals, paints and drugs.	596	26	113	85	89	81	114	114	84
III. Coaches, carriages and wagons.	4,691	48	48	789	800	830	815	596	14
IV. Coal mining.	3,280	54	575	565	513	532	515	475	1
V. Contracting.	9,442	268	1,723	1,518	1,575	1,586	1,490	1,364	10
VI. Electrical.	1,068	33	181	172	193	184	179	125	1
VII. Leather goods and shoes.	570	7	100	159	152	137	142	104	...
VIII. Lumber.	1,855	20	340	294	307	290	380	254	...
IX. Meat packing and stock yards.	1,688	16	117	134	99	104	111	107	...
X. Metal.	44,994	789	7,819	7,765	7,812	7,674	7,813	5,182	140
XI. Milling (except coal).	341	9	65	65	43	58	58	18	...
XII. Mining.	100	2	25	13	18	16	16	19	...
XIII. Miscellaneous.	1,650	44	332	245	270	292	252	214	1
XIII-A. Spirit mfrs., spirit merchants, etc.	1,305	28	221	200	230	197	213	210	...
XIII-B. Laundries, ice companies, gas works, etc.	1,241	47	200	199	199	156	204	205	1
XIII-C. High explosives.	36	1	3	10	4	6	7	5	...
XIII-D. Drayage and transfer companies, etc.	869	27	185	122	143	119	144	128	1
XIII-E. Railway companies.	2,135	171	349	319	345	352	342	300	4
XIV. Oils, etc.	967	26	174	153	154	163	159	138	...
XV. Ore reduction and concentration.	2,926	282	467	449	420	463	427	384	3
XVI. Paper.	2,061	90	367	353	324	331	346	240	...
XVII. Pottery and glass.	3,783	120	644	648	590	635	639	505	2
XVIII. Printing.	960	18	160	178	153	158	181	114	...
XIX. Rubber and composition goods.	2,692	15	474	474	502	508	462	210	4
XX. Stevedoring.	312	12	51	45	57	41	55	51	...
XXI. Stone.	1,559	34	274	276	264	247	264	198	2
XXII. Textiles.	1,300	6	252	225	226	209	213	160	...
XXIII. Tobacco.	141	1	23	28	22	20	27	20	...
XXIV. Vessels.	67	1	13	10	6	12	12	7	...
XXV. Warehouses and stores.	2,850	83	479	507	437	464	460	417	3
XXV-A. Coal merchants, storage companies, scrap iron dealers, etc.	1,079	15	185	197	162	106	155	169	...
XXVI. Wood.	2,018	16	349	370	379	342	322	227	3
XXVII. Abstract.	160	2	27	30	32	28	28	13	...
Public Employees	1,024	34	179	168	153	170	159	160	1
Section 27	222	9	48	35	29	34	38	29	...
Total	100,008	2,414	17,524	16,911	16,842	16,816	16,813	12,486	105

TABLE XVII—LENGTH OF EXPERIENCE, BY INDUSTRY CLASS, OF INJURED EMPLOYES WHO RECEIVED AWARDS DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915.

[This table is based upon the experience of injured employees with employer by whom employed at time of accident. It does not include date for 62,350 injured employees whose disability was 7 days or less.]

Industry Class.	Number of Claims Allowed Involving Disability of more than 7 Days.	Number in Employ, Before Accident for Each Classified Period of Time.				
		Less than 1 Month.	1 Month and under 6 Months.	6 Months and under 1 Year.	1 Year or Over.	Time not Reported.
I. Bakers, confectioners, etc...	454	36	85	63	210	60
II. Chemicals, paints and drugs...	288	39	67	33	127	22
III. Coaches, carriages and wagons	1,567	162	425	195	686	149
IV. Coal mining	2,477	111	439	255	1,533	139
V. Contracting	5,413	1,124	1,591	540	1,631	527
VI. Electrical	549	40	136	68	277	19
VII. Leather goods and shoes...	418	23	74	59	211	51
VIII. Lumber	1,176	83	196	115	694	88
IX. Meat packing and stock yards	416	41	70	44	233	28
X. Metal	17,926	1,316	3,113	2,178	9,341	1,478
XI. Milling	217	18	41	24	123	11
XII. Mining (except coal)...	70	1	16	7	39	7
XIII. Miscellaneous	816	96	169	101	401	49
XIII-A. Spirit mfrs., spirit merchants, etc.	848	37	115	80	527	89
XIII-B. Laundries, ice companies, gas works, etc.	681	74	148	75	320	64
XIII-C. High explosives	22	4	6	1	11	.....
XIII-D. Drayage and transfer companies	573	47	126	83	266	44
XIII-E. Railway companies	1,032	58	201	116	614	43
XIV. Oils, etc.	561	41	94	68	304	54
XV. Ore reduction and concentration	1,201	68	210	138	685	100
XVI. Paper	950	82	208	136	406	125
XVII. Pottery and glass	2,065	132	416	263	1,058	216
XVIII. Printing	464	34	83	58	233	56
XIX. Rubber and composition goods	1,351	100	334	207	578	72
XX. Stevedoring	143	16	17	9	91	10
XXI. Stone	945	63	173	105	521	83
XXII. Textiles	428	29	75	54	220	50
XXIII. Tobacco	66	1	15	8	32	10
XXIV. Vessels	47	6	11	3	21	6
XXV. Warehouses and stores	1,574	151	345	198	742	138
XXV-A. Coal merchants, storage companies, scrap iron dealers, etc.	680	66	138	74	329	82
XXVI. Wood	1,105	78	196	119	628	84
Abstract	67	6	16	8	29	8
Public Employes	799	24	34	22	74	645
Section 27	217	8	14	5	13	177
Total	47,644	4,294	9,397	5,517	23,662	4,781

TABLE XVIII—WAGES OF INJURED EMPLOYEES WHO RECEIVED AWARDS DURING THE EIGHTEEN MONTHS ENDING JUNE 30, 1915, BY SEX AND BY INDUSTRY CLASS.

[This table does not include 36,790 cases against the State Fund, in which the accident caused a disability of seven days or less.]

Industry Class.	Total Number of Claims Included.	Total number of males reported earning each amount per week.					Total number of females reported earning each classified amount per week.										
		Less than \$5.	\$5 and under \$7.	\$7 and under \$10.	\$10 and under \$15.	\$15 and under \$20.	\$20 or over.	Wages not reported.	Total number of males included.	Less than \$5.	\$5 and under \$7.	\$7 and under \$10.	\$10 and under \$15.	\$15 and under \$20.	\$20 or over.	Wages not reported.	Total number of females included.
I. Bakers, confectioners, etc.	463	1	9	51	179	103	39	29	416	4	18	17	4	2		2	47
II. Chemicals, paints and drugs	445	1	7	13	228	150	19	13	431		4	10					11
III. Coaches, carriages and wagons	2,599	3	7	103	1,261	760	292	73	2,499		2	6	1	1			10
IV. Coal mining	2,911	31	82	275	819	1,215	481	58	2,991								
V. Contracting	6,814	6	35	199	2,870	1,731	1,685	281	6,807	1	2	2	2				7
VI. Electrical	948		6	15	392	362	142	10	927		5	12	3			1	21
VII. Leather goods and shoes	420	3	20	53	145	89	32	11	335	7	22	13	8	3		4	62
VIII. Lumber	1,191	1	8	117	715	240	71	35	1,137		3	1					4
IX. Meat packing and stock yards	538		1	27	300	150	31	22	531		2	5					7
X. Metal	25,738	44	257	1,021	12,205	6,564	3,630	760	25,475	6	68	147	33	1		8	263
XI. Milling	264		2	2	142	66	34	8	261		3						3
XII. Mining, except coal	70		1	2	39	17	7		70								
XIII. Miscellaneous	1,090	3	21	115	565	211	69	26	1,010	3	31	36	7			3	80
XIII-A. Spirit mfrs., spirit merchants, etc.	860	1	4	34	212	420	131	45	847	1	10	2					13
XIII-B. Laundries, ice companies, gas works, etc.	869		4	22	297	371	91	20	806		33	21	5	1		4	61
XIII-C. High explosives	34		1	4	21	5	3		34								
XIII-D. Drayage and transfer companies, etc.	601		4	48	273	193	64	18	600	1							1
XIII-E. Railway companies	1,992	1	1	56	880	771	812	20	1,991							1	11
XIII-F. Oil, etc.	623	1	8	30	380	149	60	34	612		7	4					
XV. Ore reduction and concentration	1,766		1	13	772	788	195	27	1,793								
XVI. Paper	979		10	70	588	182	56	51	867	7	40	55	10	1	2	7	132
XVII. Pottery and glass	2,176		1	7	173	1,178	468	96	2,094	1	28	37	14			4	52
XVIII. Printing and composition	482	10	35	65	1,189	68	87	23	432	3	15	23	6	1		2	50
XIX. Rubber and goods	2,939	3	8	174	789	709	611	38	2,331		20	24	11	1	1	1	53
XX. Stevedoring	207		1	5	85	31	31	2	207								2
XXI. Stone	1,252	1	14	161	781	203	50	40	1,250	2							

XXII. Textiles	437	1	12	57	139	53	31	9	302	5	43	48	29	1	1	4	1,5
XXIII. Tobacco	93	1	2	9	43	13	1	1	60	1	8	10	5	.....	.....	.....	24
XXIV. Vessels	49	.....	.....	3	16	16	10	4	49	.....	.....	.....	.....	.....	.....	.....	.....
XXV. Warehouses and stores	1,741	18	76	148	715	341	150	55	1,503	14	76	101	32	7	1	7	2,3
XXV-A. Coal merchants, storage companies, scrap iron dealers, etc.	712	.....	1	33	450	151	30	41	708	1	3	1	.....	.....	.....	.....	6
XXVI. Wood	1,123	5	35	146	527	223	50	44	1,106	.....	6	6	4	.....	.....	1	17
Abstract (a)	71	.....	1	4	41	18	5	7	71	.....	.....	.....	.....	.....	.....	.....	.....
Public Employees	1,024	2	7	9	511	247	159	55	963	2	2	9	6	3	9	1	32
Section 27	222	.....	6	20	85	60	27	1	218	.....	1	3	.....	.....	.....	.....	4
Total	63,213	139	693	3,839	23,805	17,487	8,837	1,965	61,835	59	455	598	179	22	14	51	1,373

(a) The term "abstract" is used by the Industrial Commission to cover operations not included under any of the classifications specifically enumerated in the Ohio State Insurance Manual.

TABLE XIX—NUMBER OF ACCIDENTS FOR WHICH CLAIMS WERE ALLOWED AND AGGREGATE AWARDS, IN EACH COUNTY, BY TYPE OF CLAIM, FOR THE EIGHTEEN MONTHS ENDING JUNE 30, 1915.

County.	Fatal Cases.		Permanent Total Disability.		Permanent Partial Disability.		Temporary Disability.		Grand Total.	
	Number of Claims.	Total Amount Awarded.	Number of Claims.	Total Amount Awarded.	Number of Claims.	Total Amount Awarded.	Number of Claims.	Total Amount Awarded.	Number of Claims.	Total Amount Awarded.
Adams	1	\$2,185 00			2	\$386 00	24	\$515 43	27	\$2,996 43
Allen	6	10,967 25			34	15,879 62	1,111	21,783 86	1,151	46,650 87
Ashland					6	2,201 00	112	2,735 82	118	4,936 82
Ashubula	1	2,301 50			17	6,629 50	300	7,328 90	318	16,579 96
Athens	10	18,225 02	1	\$815 05	20	7,933 10	587	18,729 15	618	45,782 32
Auglaize					13	6,058 75	180	5,770 20	203	11,829 95
Belmont	25	49,605 31			23	15,392 32	1,104	32,906 08	1,255	97,773 66
Brown	1	2,061 50			2	2,322 00	1,131	742 61	34	5,139 11
Butler	13	38,090 09	1	505 50	41	21,116 66	2,843	47,715 29	2,908	107,397 54
Carroll								1,329 06	32	1,329 06
Champaign	2	6,348 00			7	2,894 00	115	2,096 60	124	11,238 60
Clark	4	11,840 84			34	12,893 58	1,190	22,967 92	1,218	47,747 24
Clermont	4	9,315 50			1	1,093 00	1,190	1,225 36	68	11,743 86
Clinton						74 00	25	963 95	26	1,042 95
Columbiana	4	13,296 50		882 42	21	11,473 97	984	27,570 47	1,010	53,192 36
Coshocton	1	2,244 00	1		13	5,164 47	205	8,335 46	219	15,743 93
Crawford					6	3,023 00	173	4,392 21	179	7,415 21
Cuyahoga	119	271,491 72	1	14,000 00	516	221,842 89	24,114	306,317 87	24,750	903,682 48
Darke					2	321 33	51	1,761 24	53	2,082 57
Defiance	1	700 00			7	1,990 00	87	1,969 30	95	4,559 30
Delaware	1	1,501 00			3	1,500 13	65	1,283 10	70	4,736 52
Erie	4	8,477 20	1	554 59	22	13,601 25	809	17,506 15	835	39,537 70
Fairfield	2	6,927 00			6	3,289 00	275	8,113 64	283	18,231 61
Fayette					6	1,518 00	46	1,669 19	52	3,137 19
Franklin	43	109,819 47	3	15,657 74	124	60,738 34	6,489	107,962 24	6,659	294,075 79
Fulton	1	3,135 50			5	1,351 63	74	1,355 79	80	5,832 92
Gallia					1	69 00	46	1,904 00	47	1,973 00
Gauga							27	1,769 50	28	3,134 25
Greene	1	2,450 00			2	383 00	114	2,704 85	117	5,153 85
Hamlet	0	91,351 69			16	6,397 70	884	21,040 39	909	47,759 71
Hamilton	57	161,098 92			300	107,500 49	11,929	228,599 75	12,296	494,068 46
Hancock	1	3,155 00			10	2,336 60	302	4,698 09	312	10,569 73
Hardin	4	9,228 50	1	629 46	5	835 00	93	3,574 36	95	14,293 31
Harrison	1	2,229 00			4	1,104 88	26	1,136 00	29	3,265 90
Henry					5	66 00	26	1,517 20	30	1,651 04
Hidland	1	1,271 00			1	66 00	54	1,567 73	56	2,928 73
Hocking	3	9,291 80	1	48 00	12	6,240 00	199	7,204 60	215	22,791 10
Holmes					1	241 00	13	745 43	19	986 43

Huron	2	226 00	1	387 85	5	3,312 25	150	8,689 19	157	7,306 44
Jefferson	6	14,831 00	1	694 71	40	3,860 53	240	8,244 76	216	27,362 64
Knox	30	76,193 00	1		40	81,224 48	3,004	87,867 86	2,165	136,970 64
Lake	2	2,743 56			5	1,680 00	266	5,570 84	278	10,218 60
Lawrence	2	3,120 00			7	2,608 61	266	5,129 79	192	10,865 40
Licking	5	8,092 16			13	3,159 83	266	6,542 42	184	20,884 41
Lewis	6	13,511 50			8	3,841 00	611	11,569 82	625	28,192 32
Logan					1	381 00	60	2,744 10	3	3,103 19
Lorain	8	7,376 75			43	17,287 74	1,347	29,753 02	1,388	54,417 51
Lucas	39	102,067 86	2	2,117 40	176	69,426 57	5,626	102,968 65	6,043	287,180 24
Madison	1	165 00			4	800 57		1,257 15	50	2,812 72
Mahoning	33	105,674 81	1	787 29	140	81,645 79	7,224	109,912 91	7,473	298,030 80
Marion	6	14,189 25			16	8,190 92	124	11,510 46	147	33,880 66
Medina	3	8,061 90			4	1,104 67	134	2,771 33	181	11,910 90
Meigs	7	15,245 80	1	536 00	9	4,275 53	175	8,709 39	192	28,980 73
Merger	3	2,695 90			8	1,973 13	78	2,980 09	89	6,583 12
Miami					15	6,686 17	680	12,210 69	645	18,846 83
Monroe					1	760 00	12	282 36	13	1,012 36
Montgomery	17	41,634 63			110	49,469 45	4,266	88,561 56	4,368	180,285 64
Morgan					8	1,571 00	40	1,077 67	33	2,618 67
Morrow					1	1,114 00	51	1,145 35	52	2,259 85
Muskingum	3	6,338 14			1	6,507 01	726	18,078 02	757	32,923 17
Noble	1	2,963 00			28	213 00	129	1,946 44	181	5,122 44
Ottawa	6	7,783 75			1	3,675 33	368	4,828 20	370	16,257 28
Paulding					10		82	702 97	32	702 97
Perry	7	19,527 45	1	628 87		2,780 50	341	13,498 62	355	36,335 41
Pickaway					2	827 45	79	2,364 43	81	2,601 83
Pike					11	4,285 17	164	4,948 44	177	13,388 41
Portage	2	4,159 50			4	2,857 86	28	1,169 16	33	1,265 52
Preble	1	108 50			2	344 00	38	1,216 35	40	1,560 85
Putnam					21	9,057 13	762	16,369 75	784	27,603 02
Richland	1	2,181 05			5	1,054 00	190	4,218 29	198	11,486 71
Ross	3	6,214 45			11	3,252 00	145	7,259 90	159	19,216 15
Sandusky	3	1,724 25			16	5,273 03	1,827	20,268 90	1,846	25,441 03
Scioto	5	9,675 00			14	7,229 55	1,035	9,969 26	1,094	21,992 31
Seneca	6	7,091 50			7	2,318 36	132	3,131 87	134	7,754 74
Shelby	1	2,306 50			130	53,008 87	3,556	65,063 83	3,714	108,919 62
Stark	27	72,694 80	1	6,587 16	124	61,236 70	4,458	77,249 09	4,639	180,929 92
Summit	29	61,443 43			38	23,723 62	1,523	24,865 47	1,589	38,818 64
Tumbull	8	22,470 00			25	11,158 00	713	17,098 14	743	38,918 44
Tuscarawas	5	10,562 50			4	2,083 33	41	934 86	45	2,988 97
Union					2	1,547 00	41	571 18	43	2,118 13
Van Wert					2		47	1,562 50	48	5,460 15
Vinton	1	3,867 65			6	2,863 50	165	3,300 22	174	19,310 72
Warren	8	6,121 00			7	1,728 00	295	6,054 32	300	91,647 33
Washington	1	13,865 00			6	1,854 62	200	6,700 34	207	19,094 96
Wayne	7	8,470 00			7	1,851 70	88	2,144 19	98	3,965 89
Williams					8	4,365 68	1,190	15,146 83	1,212	32,667 64
Wood	5	13,173 83			4	1,634 00	59	1,752 62	63	8,386 02
Wyandot					2	1,213 45	46	2,049 17	52	12,684 62
Out of State	4	9,372 00								

THE INDUSTRIAL COMMISSION OF OHIO

Second Annual Report

of

The Industrial Commission of Ohio

For Fiscal Year

November 16, 1914 to June 30, 1915



WALLACE D. YAPLE,
Chairman.

M. B. HAMMOND,
Vice-Chairman.
GEO. L. STOUGHTON,
Secretary.

T. J. DUFFY,
Commissioner.



COLUMBUS, OHIO:
THE F. J. HEER PRINTING CO.
1916.

Bound at the State Bindery.

To His Excellency, The Governor of Ohio:

Pursuant to the provisions of Section 1465-103 of the General Code of Ohio, The Industrial Commission of Ohio submits its second annual report covering the fiscal year ending June 30, 1915.

Respectfully submitted,

WALLACE D. YAPLE,

T. J. DUFFY,

Members of The Industrial Commission of Ohio.

STATE OF OHIO }
COUNTY OF FRANKLIN } ss.

The undersigned members of The Industrial Commission of Ohio, being first duly sworn, say that the facts stated in this report are true, to the best of their knowledge and belief.

WALLACE D. YAPLE,

T. J. DUFFY.

Sworn to before me and subscribed in my presence, this 21st day of January, 1916.

HARRY H. HAMM,

Notary Public, Franklin County, Ohio.

FOREWORD.

Prior to June 30, 1915, the fiscal year began on the 16th day of November and ended with the 15th day of November of the following year. The General Assembly, at its regular session held in 1913, passed an act by the terms of which, on and after June 30, 1915, the fiscal year should begin on the 1st day of July of each year and end on the last day of June of the succeeding year, and all annual reports of state officers, departments, commissions, boards and institutions of the state should be made as of those dates.

This applies to The Industrial Commission of Ohio and for this reason the second annual report herein contained will cover only the period from November 15, 1914, the ending of the previous fiscal year, to June 30, 1915, the new date established for all state departments.

The first annual report of the commission covering the period from November 16, 1913, to November 15, 1914, was contained in Bulletin No. 2, Volume 2 of the commission issued February 1, 1915.

The organization of The Industrial Commission embraces the following departments and sub-departments:

1. Executive.
2. Department of Workmen's Compensation-State Insurance.
 - (a) Division of Auditing.
 - (b) Division of Rating.
 - (c) Division of Claims.
3. Department of Inspection.
 - (a) Division of Workshops and Factories.
 - (b) Division of Boiler Inspection.
 - (c) Division of Steam Engineers.
 - (d) Division of Mines.
4. Department of Investigation and Statistics.
 - (a) Division of Investigation and Statistics.
 - (b) Division of Employment Offices.
 - (c) Division of Mediation and Arbitration.
5. Department of Film Censorship.

Owing to the vast amount of work embraced in the proper execution of the powers and duties cast upon the Industrial Commission by law, the commission has found it expedient to assign to each member of the commission supervision of certain parts of the work. Accordingly, by mutual agreement of the members of the commission, the supervision of the Workmen's Compensation Department was assumed

by the chairman, Wallace D. Yapple; the supervision of the Department of Investigation and Statistics was assumed by the vice-chairman, M. B. Hammond and that of the Department of Inspection was assumed by Commissioner T. J. Duffy.

The report following will contain brief references to the various departments and sub-departments.

WORKMEN'S COMPENSATION.

The first day of March, 1912, marked the beginning of a new era in this state in the handling of injuries and deaths to workmen resulting from industrial accidents. On that date a workmen's compensation law, elective in form, (102 O. L. 524, passed May 31, 1911), was placed in actual operation. This elective law continued in effect until the first day of January, 1914, when it was superseded by the present so-called compulsory law, passed by the General Assembly on February 26, 1913 (103 O. L. 72).

June 30, 1915, marks the close of eighteen months operation of the present Workmen's Compensation Act which went into full force and effect on January 1, 1914. As time has gone on and the law had an opportunity to work out, it cannot now be questioned but that it has more than fulfilled the expectations of its staunchest supporters and with very few exceptions now has the endorsement of all of those employers who were opposed to its enactment.

The compensation of injured and the dependents of killed workmen through governmental agency is no longer an experiment. It is now a well recognized function of our state government and is here to stay. Compensation laws are now in force in thirty-one states and the enactment of laws of this character is now contemplated by several other states.

Ohio employers are satisfied with the present law and few would care to return to the old liability system, with the attendant economic waste, controversy and ill-feeling connected therewith. Still fewer Ohio workmen would want to revert back to the old order of things. The employers of this state are paying less for compensation insurance and full statutory protection, through the medium of their premium payments to the state insurance fund, than they paid to commercial companies for liability insurance and limited protection. Further, Ohio employers are paying less for their compensation insurance than employers in other states having compensation acts, where the liability companies participate in the compensation plan.

Ohio workmen, under the present law, receive a more generous measure of compensation than the workmen of any other state, with the exception of New York, and their medical expenses to a limit of \$200 are paid in every instance from the state insurance fund, as well as funeral expenses not to exceed \$150 in the event of death.

DIVISION OF CLAIMS.

The Division of Claims for the period covered by this report has been under the immediate supervision and direction of Mr. Harry H. Hamm, Director of Claims.

The following statement will show the number of claims of all classes reported to the Division of Claims of the Industrial Commission during the period from November 16, 1914, to June 30, 1915:

	<i>Injury Claims</i>	<i>Death Claims</i>	<i>Total</i>
(a) <i>State Insurance Fund:</i>			
No. filed Nov. 15, 1914.....	64,305	357	64,662
No. filed from Nov. 16, 1914 to June 30, 1915	35,649	239	35,888
Total	99,954	596	100,550
(b) <i>Public Employees:</i>			
No. filed Nov. 15, 1914.....	640	13	653
No. filed from Nov. 16, 1914 to June 30, 1915	672	12	684
Total	1,312	25	1,337
(c) <i>Section 27:</i>			
No. filed Nov. 15, 1914.....	225	25	250
No. filed from Nov. 16, 1914 to June 30, 1915	151	14	162
Total	376	39	415
(d) <i>Section 22:</i>			
No. filed Nov. 15, 1914.....	17,419	24	17,443
No. filed from Nov. 16, 1914 to June 30, 1915	10,543	49	10,592
Total	27,962	73	28,035
Grand Total Claims Reported as of June 30, 1915			130,337

Cases Reported in 1914.

In this connection it might be interesting to note that there were 76,558 cases of injury and death reported to the Division of Claims during the year 1914, same being apportioned as follows:

<i>Character of Claim</i>	<i>Number</i>
State Insurance Fund.....	54,528
Public Employee	801
Section 22	20,931
Section 27	298
Total	76,558

It will be remembered that the compulsory compensation act went into full force and effect on January 1, 1914, so that these figures cover the first year's operation under the compulsory statute.

Prompt Payment of Compensation.

One of the essential factors in the successful administration of the compensation act is the prompt payment of compensation to the injured employe and to his dependents in case of death. It has, therefore, been the constant endeavor of the Commission to eliminate, as far as possible, all sources of delay in the proving and handling of claims, and at this time we believe that claims are being more promptly paid under the Ohio act than under any compensation act now in force in this country.

A daily review is made of the uncompleted claims held in the pending file of the Claims Division. In those cases where there appears to be an unusual delay in completing the proof, for which no reason can be assigned, the claimant is advised as to the procedure necessary to complete his claim, and in this manner he is kept in close touch with his claim, to the end that proper proof may be presented and his claim considered by the Commission at the earliest possible date.

Increase in Number of Claims.

With the return to a more normal basis of various industrial activities, we find a decided increase in the number of claims filed with the division. For instance, during the month of June, 1915, there was a total of 6,384 claims presented. Prior to this, the largest number of claims presented in one month was 5,524, that number being filed during the month of July, 1914.

The increased efficiency of the division force, brought about by the valuable experience gained during the past year, together with the improved systemization of the work, has enabled the division to handle this increase in the volume of work without any delay whatsoever, and without the employment of additional help.

Causes of Accidents.

Pursuant to the provisions of Section 56 of the Compensation Act, we submit the following table showing in general the causes of accidents leading to the injuries which have been reported to the Claims Division, as above indicated.

This table includes all classes of claims, namely: State Insurance Fund, Public Employee, Section 22 and Section 27:

<i>Causes to Which Ascribed</i>	<i>Number of Accidents</i>	<i>Per Cent of Total</i>
Falling and shifting objects.....	15,499	35.2
Machinery	11,622	26.4
Falls	4,550	10.3
Hand tools and similar apparatus.....	3,997	9.1
Nature of material used or similar working conditions	3,747	8.5
Carrying, lifting or handling great weights.....	1,135	2.6
Transportation on tracks.....	755	1.7
Animals	581	1.3
Transportation not on tracks.....	513	1.2
Sunstrokes and heat prostration.....	56	.1
Intentional violence of persons not employes.....	41	.1
Suffocation and asphyxiation.....	38	.1
Intentional violence of fellow employes.....	29	.1
Freezing	24	.1
Occupational disease	8	(a)
Transportation by water.....	6	(a)
Drowning	4	(a)
Lightning	1	(a)
Not otherwise classified.....	1,445	3.3
Total	44,051	100.0

(a) Less than one-tenth of one per cent.

Procedure Followed in Filing and Proving Claims.

(a) Claims Against State Insurance Fund.

Each employer is supplied with and is required to keep on hand a supply of blanks to be used in reporting injuries to employes.

When an employe is injured, one of these blanks is furnished to him, filled out and signed by him, and the blank turned over to the employer for certification, after which it is forwarded to the Division of Claims of the Commission.

Upon receipt of this report, the Claims Division immediately enters the report on a claim index record and assigns a claim number to same. The injured employe is then furnished with a blank form to be used in submitting his application for award, and blanks for medical report are mailed direct to the attending physician, as named on the first report. If injured employe was sent to the hospital, blank forms for making report as to the medical facts are also sent to the hospital to be filled out and returned.

Upon the return of these blanks, properly filled out, if the case is not one requiring a special investigation, the claim is referred to the Medical Division for examination and report as to the medical facts. The claim is then set for hearing and referred to the examination divi-

sion for general examination, the computation of compensation, and preparation of a summary of the claim for the use of the Commission in its consideration of same.

Claims requiring investigation with respect to questions other than medical facts are referred to a claims investigator for investigation and report. Claims involving questions of medical facts are referred to the nearest local medical examiner for examination and report. (The Commission has one or more local medical examiner in each county in the state).

Claims involving special questions are submitted to the Commission on a statement of facts prepared by the Division of Claims.

After an award is made by the Commission, the award is certified to the auditing department, which department issues the necessary warrants to cover same.

Claims are passed on by the Commission on an average of from three to seven days after completion.

(b) *Section 22 Claims.*

Employers operating under Section 22 of the Compensation Act are permitted to pay compensation and medical expenses direct, instead of the same being paid out of the state insurance fund. When an employe is injured, report is filed by the employer with the Division of Claims. This is followed by the agreement as to payment of compensation, which is signed by both the injured employe and the employer. This agreement is carefully examined and if found to provide for the payment of compensation in accordance with the Compensation Act it is approved by the Commission and the parties so notified. Upon completion of the payment of compensation, medical expenses, etc., the employer files a final report, showing the total award granted.

In case of disagreement as to the payment of compensation, application for adjustment of the claim may be filed by either party. The claim is then heard in the usual manner by the Commission and a finding of fact and order issued by it showing the disposition made of the claim.

(c) *Section 27 Claims.*

This class of claims is filed against employers who have failed to comply with the provisions of the Compensation Act. Proof of claim is made as in other claims. The employer is notified as to the filing of claim against him and is permitted to file an answer thereto, if he desires.

After completion of the claim, it is set for hearing and passed on by the Commission in the usual manner. In the event of an award being granted, a finding of fact and order is issued, setting forth the

nature and amount of the award, and a certified copy of same sent to both the claimant and the employer. Under the provisions of the statute, an award so made must be paid by the employer within ten days after receiving notice thereof.

Should the employer after receiving notice of an award made under the provisions of Section 27, fail to make payment in accordance therewith, the claim is referred to the Attorney-General for the institution of civil proceedings to collect same.

Appeals From Decisions of the Commission.

Up to June 30, 1915, appeals to the courts from the decisions rendered in claims by The Industrial Commission of Ohio and its predecessor, The State Liability Board of Awards, had been taken in 50 cases. When it is taken into consideration that over 130,000 cases were handled by the Commission up to the above mentioned date, some idea can be gained as to the extremely small number of claims which are litigated after decision has been rendered by the Commission. The following statement covers cases of all classes—State Insurance Fund, Public Employe, Section 22 and Section 27—and contains a brief history of each case and its present status:

Claim No. 2982—Section 22.

Employer: The Baker Motor Vehicle Co.

Case of Louis Bailes.

Date of Injury: April 8, 1914.

Nature of Injury: Fracture of right leg.

Claim disallowed by Commission on the ground that the employe was not injured in the course of employment.

Appeal from decision of Commission was filed in the Common Pleas Court of Cuyahoga county by Louis Bailes.

Verdict: In favor of plaintiff for \$85.00. Case taken to Court of Appeals on error. Case reversed by Court of Appeals.

Claim No. 7258.

Employer: The River Furnace Co., Cleveland, O.

Case of Peter Tkacs, deceased (alias Kotch).

Date of Injury: July 8, 1913. Date of Death: April 10, 1914.

Nature of Injury: Severe fracture of leg. Bruises and injury to body.

Claim disallowed by Commission on the ground that the death of deceased was not caused by injury received.

Appeal from decision of the Commission was filed in the Common Pleas Court of Cuyahoga county by Anne Tkacs and John Tkacs, an infant, by his next friend Anne Tkacs.

Verdict: Case still pending in Court of Common Pleas.

Claim No. 5017.

Employer: Champion Coated Paper Co., Hamilton, O.

Case of Marion Jones, deceased.

Date of Death: April 6, 1913.

Nature of injury causing death: Accidental drowning.

Claim disallowed by the Commission on the ground that death was not caused by an injury received in the course of employment and was not the result of circumstances connected with the employment of deceased.

Appeal from the decision of the Commission was filed in the Common Pleas Court of Butler county by Eli C. Jones, administrator.

Verdict: In favor of plaintiff for \$88.60.

Claim No. 44277.

Employer: The G. R. Hopkins Company, Marion, Ohio.

Case of John H. Brittain, deceased.

Date of injury and death: June 20, 1914.

Nature of injury causing death: Accidental drowning. Proof on file showed arterio sclerosis and angina pectoris.

Claim disallowed by the Commission on the ground that death was not caused by an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Marion county, Ohio, by Mary A. Brittain et al. widow of deceased and dependents.

Verdict: In favor of plaintiff for full statutory amount. Awaiting decision in Court of Appeals.

Claim No. 2837.

Employer: The Lima Locomotive Corporation, Lima, Ohio.

Case of Newton Snyder.

Date of injury: January 18, 1913.

Nature of injury: Right side of head and neck bruised; contusion of right hip and right shoulder.

Claim not disallowed but compensation paid amounting to \$181.71; physician's bill, \$18.00 and hospital bill \$19.00. Finding of the Commission on August 11, 1913, to the effect that disability resulting from injury sustained had ceased and that applicant had received the full amount of compensation to which he was entitled under the law.

Appeal from decision of the Commission was filed in the Court of Common Pleas of Allen county by Newton Snyder.

Verdict: In favor of plaintiff and weekly compensation allowed at rate of \$10.00 per week. Since reversed by Court of Appeals.

Claim No. 2536.

Employer: Hydraulic Pressed Steel Co., Cleveland, Ohio.

Case of Joe Sam.

Nature of injury: Hernia.

Claim disallowed by the Commission on the ground that the injury was not sustained in the course of employment.

Appeal from decision of the Commission was filed in the Common Pleas Court of Cuyahoga county by Joe Sam, March 3, 1914.

Verdict: Suit dismissed without prejudice. Case was reinstated in Common Pleas Court on agreement between parties. Case pending in Common Pleas Court.

Claim No. 51145.

Employer: The Haberer Company, Cincinnati, Ohio.

Case of John Kennedy.

Date of injury: July 23, 1914.

Nature of injury: Right arm broken above the wrist.

Claimant was allowed compensation to September 8, 1914, inclusive, amounting to \$45.71. Case closed as of that date.

Appeal from decision of Commission was filed in the Common Pleas Court of Hamilton county by John Kennedy.

Case settled by the Commission on October 5, 1914.

Claim No. 52236.

Employer: The Buckeye Steel Castings Co., Columbus, Ohio.

Case of Thomas Short.

Date of injury: About August 24, 1914.

Nature of injury: Inflammation of retina of both eyes.

Claim was disallowed by the Commission on November 10, 1914, on the ground that claimant was suffering from occupational disease and not an injury.

Re-hearing had January 21, 1915, at which time compensation was awarded at \$12.00 per week until further hearing of the Commission. Claim heard again on April 29, 1915, and former award revoked and compensation denied.

Appeal was filed in the Court of Common Pleas of Franklin county by Tom Short.

Verdict: Case still pending on motion to petition.

Claim No. 1505.

Employer: The Victor Lamp Co., Cincinnati, Ohio.

Case of Charles J. Weber.

Date of injury: January 8, 1913.

Nature of injury: Scalded about face, eyes, mouth, neck, ears and both arms.

Compensation paid to about November 5, 1913.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Hamilton county by Charles J. Weber.

Verdict: Suit dismissed on demurrer to amended petition. No verdict.

Claim No. 58848.

Employer: Norwood Sash and Door Mfg. Co., Norwood, Ohio.

Case of Mose Thompson.

Date of injury: September 30, 1914.

Nature of injury: Hernia.

Compensation paid under Rule 2 of our Rules on Hernia and further compensation denied.

Appeal from decision of the Commission was filed in the Court of Common Pleas of Hamilton county by Mose Thompson.

No verdict. Case pending in Common Pleas Court.

Claim No. 24574.

Employer: Dawson Construction Co., Columbus, Ohio.

Case of Jonah Stith, deceased.

Date of injury: January 5, 1914.

Date of death: March 1, 1914.

Claim disallowed by the Commission on the ground that the death of deceased was not the result of an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Franklin county by Orlena Stith et al., widow and dependent.

Verdict: In favor of plaintiff in the sum of \$3,994.00. Verdict paid by the Commission.

Claim No. 28419.

Employer: Hamm Brothers, Dayton, Ohio.

Case of Joseph Flore.

Date of injury: April 2, 1914.

Nature of injury: Broken ribs and internal injuries.

Compensation awarded to May 24, 1914.

Appeal from decision of the Commission was filed in the Court of Common Pleas of Montgomery county by Julius Leopold as guardian for Joseph Flore.

Claimant is now confined in the State Insane Asylum at Dayton.

Verdict: Pending in Court of Common Pleas at Montgomery county.

Claim No. 1164.

Employer: John C. Schaffer, Delphos, Ohio.

Case of Earl Himmeger.

Date of injury: December 11, 1912.

Nature of injury: Fracture of ribs on left side. Fracture of sternum; cartilage of three ribs on right side broken and collar bone dislocated.

Compensation was awarded in the sum of \$84.57 to March 3, 1913.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Van Wert county by Earl Himmeger.

Verdict: Case still pending in Court of Common Pleas.

Claim No. 11656.

Employer: Eagle White Lead Company, Cincinnati, Ohio.

Case of David Brown.

Nature of injury: Lead poisoning.

Claim disallowed by the Commission on the ground that the claimant's disability was not caused by an injury sustained in the course of employment (Occupational disease).

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Hamilton county by David Brown.

Verdict: In favor of plaintiff. Verdict of Common Pleas Court affirmed in Court of Appeals. Common Pleas Court and Court of Appeals reversed by Supreme Court of Ohio.

Claim No. 43959.

Employer: The Garford Co., Elyria, Ohio.

Case of Harley L. Kelly.

Date of injury: January 15, 1914.

Nature of injury: Sprained back.

Claim was disallowed by the Commission on the ground that disability was not caused by an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Lorain county by Harley L. Kelly.

Verdict: Case pending in Common Pleas Court.

Claim No. 78330.

Employer: The Buckeye Rolling Mill Co., Newark, Ohio.

Case of Samuel A. Thompson, deceased.

Date of injury: September 12, 1914.

Date of death: January 25, 1915.

Nature of injury: Bruise across stomach caused by a falling railroad rail.

Claim disallowed by the Commission on the ground that the death of deceased resulted from natural causes and not from an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Licking county by Emma Thompson, widow.

Verdict: Case still pending in Common Pleas Court.

Claim No. 38867.

Employer: The Columbus Railway, Power and Light Co.

Case of C. C. John.

Date of injury: May 17, 1914.

Nature of injury: Poisoning of left eye, alleged to have been due to a switch of horse's tail and gonorrhoal ophthalmia.

Claim was disallowed by the Commission on the ground that disability was not due to an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Franklin county by C. C. John.

Verdict by jury in favor of plaintiff in sum of \$1,875.00. Case pending in Common Pleas Court on motion for new trial. Motion overruled. Pending in Court of Appeals.

Claim No. 18672.

Employer: The Chas. Moser Co., Cincinnati, Ohio.

Case of Joseph Ebinger.

Date of injury: January 21, 1914.

Date of death: February 2, 1914.

Nature of injury: Fracture of femur.

Claim disallowed by the Commission on the ground that the death of deceased was not the result of injury sustained in the course of employment, but was due to a disease of the heart.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Hamilton county by Katie Ebinger, widow.

Claim was reconsidered by the Commission and an award allowed. Lump sum of \$2,029.25 granted.

Case dismissed in Common Pleas Court.

Claim No. 57493.

Employer: The Jacobs Lumber Co., Youngstown, Ohio.

Case of Mike Gavelek.

Date of injury: June 5, 1914.

Nature of injury: Contusion of right hip joint.

Claim was disallowed by the Commission on the ground that disability was not caused by an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Mahoning county by Mike Gavelek.

Verdict: Case pending in Common Pleas Court.

Claim No. 19592.

Employer: Mansfield Telephone Co., Mansfield, Ohio.

Case of Mrs. Blanche Davidson.

Date of injury: January 26, 1914.

Nature of injury: Nervous breakdown effecting eyes and back. Electric shock sustained at switchboard.

Claim was disallowed by the Commission on the ground that disability was not caused by an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Richland county by Blanche Davidson.

Verdict: In favor of plaintiff in sum of \$302.50. Case pending in Court of Appeals on petition in error.

Claim No. 374 P. E.

Employer: Celina Municipal Light Plant, Celina, Ohio.

Case of Roy Caldwell.

Date of injury and death: July 27, 1914.

Nature of injury: Electrocution.

Claim was disallowed by the Commission on the grounds of no dependency.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Mercer county by Clara Caldwell, mother of deceased.

No verdict. Pending on motion to strike certain allegations from the petition.

Claim No. 74498.

Employer: The Buckeye Steel Castings Co., Columbus, Ohio.

Case of Sam Krupor, deceased.

Date of death, January 20, 1915.

Cause of death: Tuberculosis pneumonia.

Claim disallowed by the Commission on the ground that the death of deceased was not caused by an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Franklin county by Susanna Krupor, et al.

Verdict: Case pending on motion.

Claim No. 15155.

Employer: The Delaware Blue Limestone Quarries, Delaware, Ohio.

Case of Raffael Musselli, deceased.

Date of injury: December 1, 1913.

Date of death: December 2, 1913.

Nature of injury causing death: Dislocated hip, fractured limb and internal injuries.

Claim was disallowed by the Commission on the ground that the proof showed no dependency.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Delaware county by C. C. Ginocchio, administrator of estate of Raffael Musselli, deceased.

Verdict: Pending on demurrer to petition.

Claim No. 2302, Section 22.

Employer: The American Rolling Mill Co., Middletown, Ohio.

Case of Bill Gus.

Date of injury: June 29, 1914.

Nature of injury: Sprained back.

Compensation granted in sum of \$19.03.

Appeal from decision of Commission was filed in the Common Pleas Court of Hamilton county by Bill Gus.

No Verdict: Demurrer filed to petition and sustained. Petition dismissed.

Claim No. 4425, Section 22.

Employer: The Ohio State Telephone Co., Dayton, Ohio.

Case of Clara Haworth.

Date of injury: July 25, 1914.

Nature of injury: Electric shock to left ear.

Claim disallowed by the Commission on the ground that disability was not due to an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Common Pleas Court of Montgomery county by Clara Haworth.

Verdict: None; case re-considered by the Commission and still pending before said Commission.

Claim No. 8276, Section 22.

Employer: The American Shipbuilding Co., Cleveland, Ohio.

Case of William Keating.

Date of injury: November 14, 1914.

Nature of injury: Scalp wound.

Case disallowed by the Commission on the ground that the injury sustained in the course of employment did not cause a disability of more than one week.

Appeal filed from the decision of the Commission in the Court of Common Pleas of Cuyahoga county by William Keating.

Verdict: None; cause pending.

Claim No. 37695.

Employer: The Brackett Construction Co., Cincinnati, Ohio.

Case of Bernard Besse.

Date of injury: May 29, 1914.

Nature of injury: Ankles and feet crushed.

Compensation was awarded by the Commission in the sum of \$150.05 to September 14, 1914. Further compensation denied.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Hamilton county by Bernard Besse.

Verdict: None. Case pending in Common Pleas Court.

Claim No. 30803.

Employer: The Girard Iron Co., Girard, Ohio.

Case of William Baily.

Date of injury: March 13, 1914.

Nature of injury: Fracture of right arm and left arm at wrist, hand hurt and left jaw broken.

Claim disallowed by the Commission on the ground that disability was not caused by an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Common Pleas Court of Trumbull county by William Baily.

Verdict: In favor of plaintiff in the sum of about \$900. Case taken to Court of Appeals on error. Court of Appeals sustained judgment of Common Pleas Court.

Claim No. 28367.

Employer: The Standard Oil Co., Cleveland, Ohio.

Case of Francis Kurplik.

Date of injury: February 6, 1914.

Nature of injury: Fracture of left forearm at junction of the upper two-thirds and lower third.

Claim was disallowed by the Commission on the ground that disability was not caused by an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Cuyahoga County by Francis Kurplik.

Verdict in favor of plaintiff for \$140.00. Judgment paid by the Commission.

Claim No. 43739.

Employer: The Deforest Sheet and Tin Plate Co., Niles, O.

Case of Emery Hoffer.

Date of injury: July 3, 1914.

Nature of injury: Strain of right side in the region of appendix.

Claim was disallowed by the Commission on the ground that disability was not caused by an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Common Pleas Court of Trumbull county by Emery Hoffer.

Verdict in favor of defendant.

Claim No. 25889.

Employer: The John W. Brown Mfg. Co., Columbus, Ohio.

Case of Daniel McAuliffe, deceased.

Date of injury: March 25, 1914.

Date of death: April 10, 1914.

Nature of injury causing death: Aneurism of the aorta.

Claim was disallowed by the Commission on the ground that the death of deceased was not due to an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Franklin county by Bridget McAuliffe, mother of deceased.

No Verdict: Claim reconsidered by the Commission and compensation awarded.

Claim No. 12626.

Employer: Clapp Excelsior Co., Toledo, Ohio.

Case of John W. Picking, deceased.

Date of injury: October 11, 1913 and died the same day.

Nature of injury causing death: Burned by fire while acting as night watchman.

Compensation was paid to widow of deceased, Mary Picking. Mary Picking died and Lillian Munding was appointed as administratrix. Suit instituted and filed in Supreme Court of Ohio in mandamus and writ allowed. Motion for re-hearing overruled.

Claim No. 9832.

Case of Sam Police.

Nature of injury: Hernia.

Claim disallowed by the Commission as one coming under Rule 2 of Commission's "Rules on Hernia."

Appeal from the decision of the Commission filed in the Court of Common Pleas by Sam Police.

Verdict: Demurrer sustained to petition. Case prosecuted on error in Court of Appeals. Decision of Common Pleas Court reversed. Verdict for \$1,500.00 in favor of plaintiff in Common Pleas Court. Case pending in Court of Appeals on petition in error.

Claim No. 85855.

Employer: C. L. Hils Co., Cincinnati, Ohio.

Case of P. D. Fitzgerald.

Date of injury: March 3, 1915.

Nature of injury: Sprained ankle.

Claim disallowed by the Commission on the ground that the disability was not caused by an injury sustained in the course of employment.

Appeal from the decision of the Commission filed in the Common Pleas Court of Hamilton county by P. D. Fitzgerald.

Verdict: Case pending in Court of Common Pleas.

Claim No. 1063 P. E.

Case of John Kscnish.

Appeal from decision of Commission filed in the Court of Common Pleas of Cuyahoga County by John Kscnish.

Verdict: Pending in Common Pleas Court.

(All papers in this case are in possession of Mr. Secrest, Cleveland.)

Claim No. 73795.

Employer: Kroger Grocery Co., Dayton, Ohio.

Claim of Mrs. Madge Gooch.

Date of injury: December 29, 1914.

Nature of injury: Back wrenched.

Claim was disallowed by the Commission on the ground that disability was not the result of injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Montgomery County by Madge Gooch.

Verdict: None; case pending in Common Pleas Court.

Claim No. 55221.

Employer: The Ohio Light and Power Co., Newark, Ohio.

Case of Aaron Livingston.

Nature of injury: Loss of sight in right eye.

Claim was disallowed by the Commission on the ground that the disability was not caused by an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Common Pleas Court of Licking County by Aaron Livingston.

Verdict: None; case pending in Common Pleas Court.

Claim No. 652 P. E.

Employer: City of Columbus, Ohio.

Case of Samuel H. Teel, deceased.

Date of injury: October 29, 1914.

Date of death: November 6, 1914.

Nature of injury: Fracture of fifth rib on left side of chest.

Claim was disallowed by the Commission on the ground that the proof did not show dependency.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Franklin County by Eliza Carter.

Verdict: Claim was reconsidered by the Commission and lump sum award of \$936.00 was made.

Claim No. 20751.

Employer: Diebolt Brewing Co.

Case of Adolph Schoenbeck.

Claim disallowed by the Commission.

Appeal filed from the decision of the Commission in the Court of Common Pleas of Cuyahoga County by Adolph Schoenbeck.

Verdict: Case pending in Court of Common Pleas.

Claim No. 44758.

Employer:

Case of May Francis.

Claim was disallowed by the Commission.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Hamilton County by May Francis.

Verdict: Case still pending in Court of Common Pleas.

Claim No. 14846.

Employer: Bolton-Pratt Co.

Case of G. Tosca.

Nature of injury: Hernia.

Claim disallowed by the Commission on the ground that the disability was not due to an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Cuyahoga County by G. Tosca.

Verdict: Case pending in Court of Common Pleas.

Claim No. 61240.

Employer: Kenton Baking Powder Co., Cincinnati, Ohio.

Case of J. H. Ladrigan, deceased.

Date of injury: October 16, 1914.

Date of death: February 18, 1915.

Nature of injury: Fracture of 7th and 8th ribs on the right side. Knee and ankle injured.

Compensation was paid to December 6, 1914, inclusive.

Claim rejected by the Commission for the reason that death was not caused by the injury sustained by claimant in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Hamilton County by Margaret T. Ladrigan, widow.

Verdict: None; pending in Court of Common Pleas.

Claim No. 91368.

Employer: H. A. Berne & Co., Cincinnati, Ohio.

Case of William Cannon.

Date of injury: March 12, 1915.

Nature of injury: Left ankle swollen and abrasion on eye lid.

Claim was disallowed by the Commission on the ground that at the time of the injury claimant was not a regular employe of the employer above named.

Appeal from the decision of the Commission was filed in the Common Pleas Court of Hamilton County by William Cannon.

Verdict: Case pending on appeal.

Claim No. 63350.

Employer: Reliance Coal and Coke Co., Cincinnati, Ohio.

Case of Tom Collins.

Date of injury: October 28, 1914.

Nature of injury: Contused right foot and left foot crushed.

Claim was disallowed by the Commission on the ground that applicant was not an employe of the Reliance Coal and Coke Co. at the time of the injury.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Hamilton County by Tom Collins.

Verdict: Case pending on appeal.

Claim No. 57389.

Employer: The James Ohlen & Sons Saw Mfg. Co., Columbus, Ohio.

Case of Earl Stewart.

Nature of injury: Tuberculosis.

Claim disallowed by the Commission on the ground that claim was not one coming within the scope of the Workmen's Compensation Act. (Injury due to disease.)

Appeal from the decision of the Commission was filed in the Common Pleas Court of Franklin County by Earl Stewart.

Verdict: Case pending in Common Pleas Court.

Claim No. 64934.

Employer: The Grant Hospital, Columbus, Ohio.

Case of Albert W. Ater.

Date of injury: August 30, 1914.

Nature of injury: Detachment of retina of right eye. Collection of blood or serum behind it.

Claim was disallowed by the Commission on the ground that disability was not caused by an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Common Pleas Court of Franklin County by Albert W. Ater.

Verdict: Case pending on appeal.

Claim No. 22, Section 27.

Employer: Hotel Harrod, Lima, Ohio.

Case of Edward McGough.

Date of injury: January 5, 1914.

Nature of injury: Fracture of left femur.

Compensation ordered paid by the employer in the sum of \$124.29. This amount was paid. Case again heard on Dec. 10, 1914 and additional compensation ordered paid in the sum of \$244.57 to Dec. 1, 1914. This the employer refused to pay and entered suit in the Supreme Court of Ohio against the Commission, which suit was dismissed without prejudice on May 19, 1915. The Commission re-heard this claim on June 1, 1915 and revoked its former order of December 10, 1914.

Claim No. 181, Section 27.

Employer: The Cleveland Cooperative Stove Co., Cleveland, Ohio.

Case of Samuel Hoogenboom.

Date of injury: July 16, 1914.

Nature of injury: Sprained knee joint.

Claim was disallowed by the Commission on the ground that the proof did not establish that the disability was caused by an injury sustained in the course of employment.

Appeal was filed in the Common Pleas Court of Cuyahoga County by Samuel Hoogenboom against the Industrial Commission. A demurrer was filed to the petition and demurrer sustained on the ground that claimant had no right of appeal under Section 27. This decision was affirmed by the Court of Appeals.

Claim No. 1734, Section 22.

Employer: American Steel and Wire Co., Cleveland, Ohio.

Case of Stanislaus Klemens:

Nature of injury: Hit in eye by piece of lime thrown by a fellow employe.

Claim was disallowed by the Commission on the ground that the injury was not sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Cuyahoga County against the Industrial Commission of Ohio by Stanislaus Klemens.

Verdict: Case pending in Court of Common Pleas.

Claim No. 66463.

Employer: Hydraulic Pressed Steel Co., Cleveland, Ohio.

Case of Paul Funtasch.

Date of injury: October 17, 1914.

Nature of injury: Loss of right eye.

Claim was disallowed by the Commission on the ground that disability was not caused by an injury sustained in the course of employment.

Appeal from the decision of the Commission was filed in the Court of Common Pleas of Cuyahoga County by Paul Funtasch against the Industrial Commission.

Verdict: For the defendant.

STATE INSURANCE FUND.

(a) *Receipts and Disbursements.*

During the period beginning November 16, 1914, and ending June 30, 1915, the receipts covered by premium payments to the state insurance fund amounted to the sum of \$1,686,174.61.

For the same period the disbursements from said fund for compensation, medical, surgical, hospital and nursing services, medicines and funeral expenses, amounted to the sum of \$1,515,883.95.

(b) *Interest Earned by Fund.*

Under the provisions of the Compensation Act, the Treasurer of State is made custodian of the state insurance fund. The treasurer has placed the money paid into the fund in the various banks of the state selected as depositories for state funds. During the period from November 16, 1914, to June 30, 1915, the interest earnings in the fund amounted to the sum of \$63,290.52. The total interest from March, 1912, to June 30, 1915, amounted to the sum of \$124,805.24. This amount has been placed to the credit of the state insurance fund and is available for the payment of compensation, etc.

ACTUARIAL DIVISION.

The Actuarial Division for the period covered by this report has been under the immediate supervision and direction of Mr. Emile E. Watson, Chief Actuary.

STATE RISKS.

On November 15, 1914, there were 15,148 state risks employing 631,447 employees. As of June 30, 1915, there were 16,980 state risks employing 656,527 employees, thereby making a gain for the period dating from November 16, 1914, to June 30, 1915, of 1,832 employers and 25,080 employees.

SELF-INSURANCE RISKS.

On November 15, 1914, there were 820 self-insurance risks employing 170,846 employees.

Our records indicate that 230 of these employers employing 140,981 employees are bona fide self-insurance risks.

As of June 30, 1915, there were a total of 1,135 self-insurance risks employing 182,822 employees, thereby making a gain for the period dating from November 16, 1914, to June 15, 1915, of 315 employers employing 11,976 employees.

As over the period dating from November 16, 1914, to June 30, 1915, 118 employers employing 7,373 employees transferred from state to self-insurance.

It is impossible to ascertain accurately from our records just how many of these employers made the transfer to become bona fide self-insurers and how many transferred to reinsure with stock companies. The larger companies, however, making this transfer did so to become bona fide self-insurers.

As over the period dating from November 16, 1914, to June 30, 1915, 80 employers employing 4,738 employes transferred from self-insurance to state insurance.

Substantially all of the employers making this transfer were heretofore re-insuring with stock companies.

The financial statement of the state insurance fund which follows has been prepared by Actuary Watson and shows the fund to be in excellent condition.

STATEMENT OF EARNED PREMIUM VERSUS LOSS COST AND STATE

(Prepared by Emile

GROSS.						
SCHEDULE.	Gross Earned Premium.	Awards Made—Including Paid and Deferred.	Pending Claims—Including Unreported.	Total Losses.	Surplus.	Loss Ratio.
1 Bakers	\$39,135.58	\$32,730.07	\$1,297.38	\$34,027.40	\$5,108.18	86.9%
2 Chemical—Paint & Drug	21,054.68	10,777.47	625.06	20,402.52	20,552.11	96.9%
3 Coach—Car & Wagon	119,176.96	94,932.31	3,374.12	98,306.43	20,870.53	82.5%
4 Coal Mines	292,846.96	313,952.54	19,022.71	332,975.25	40,128.29	118.7%
5 Contractors	736,360.30	509,662.52	91,595.05	601,257.57	135,102.73	81.7%
6 Electric	87,372.00	51,887.63	1,677.48	53,565.11	33,806.89	61.3%
7 Leather—Shoes	54,723.87	28,173.31	1,296.42	29,469.73	25,254.14	53.9%
8 Lumber	140,151.59	143,339.85	9,080.51	153,020.36	12,868.77	109.2%
9 Meat	32,299.49	23,100.84	1,188.00	24,238.84	8,060.65	75.0%
10 Metal	1,342,082.86	1,032,860.68	101,109.89	1,133,970.57	208,112.28	84.5%
11 Milling	26,175.71	27,697.59	4,808.06	32,505.65	6,329.94	124.2%
12 Mining—Not Coal	14,712.08	6,752.27	948.00	7,700.27	7,011.81	62.3%
13 Miscellaneous	313,568.04	302,901.98	35,660.27	338,562.25	24,894.21	108.0%
14 Oils	50,962.80	42,791.53	2,298.25	45,089.78	5,873.02	88.5%
15 Ore & Blast Furnace	106,043.65	93,718.73	2,391.28	96,110.01	9,933.64	90.6%
16 Paper	91,050.21	98,867.41	3,582.35	102,449.76	11,599.55	112.5%
17 Pottery—Glass	170,154.48	167,301.52	10,562.07	177,863.59	7,291.89	104.5%
18 Printing	62,549.27	31,775.07	14,696.72	46,471.79	6,077.48	88.4%
19 Rubber	72,966.85	48,589.20	8,339.74	56,928.94	16,037.91	78.0%
20 Stevedore	17,098.80	4,849.02	103.00	4,952.02	12,146.78	29.0%
21 Stone	108,472.91	65,606.51	14,994.15	81,600.66	26,872.25	75.2%
22 Textile	53,863.39	25,257.07	1,278.59	25,535.26	28,327.13	47.4%
23 Tobacco	13,358.85	1,970.90	226.00	2,196.90	11,161.46	16.4%
24 Vessel	9,733.88	6,273.49	108.50	6,381.99	3,351.99	65.6%
25 Warehouse	260,540.87	170,009.06	29,002.93	199,072.59	61,468.28	76.4%
26 Wood	115,837.23	85,050.84	7,675.11	92,725.95	23,111.28	80.0%
27 Abstract	21,611.38	6,570.30	546.50	7,116.80	14,494.58	32.9%
Catastrophe Reserve, accruing from premiums on state						
Interest received on premium deposits.....						
Self Insurance 5% Catastrophe Reserve.....						
Totals.....	\$4,363,904.13	\$3,436,460.91	\$368,028.08	\$3,804,488.99	\$559,415.14	87.2%

STATEMENT OF CONDITION AS OF MAY 15, 1915. (EMPLOY

ASSETS.

Premiums received	\$4,802,592.78
Premiums in course of collection.....	386,521.32
Total Premiums.....	\$5,189,114.10
Interest received on Premium Deposits.....	124,805.24

\$5,313,919.34

MENT OF CONDITION OF THE FUND AS A WHOLE, AS OF MAY 15, 1915
E. Watson, Actuary)

NET.						
Gross Earned Premium.	Cata- strophe Reserve.	Net Earned Premium.	Total Losses.	Surplus.	Loss Ratio.	SCHEDULE.
\$39,135.58	\$2,474.90	\$36,660.59	\$34,027.40	\$2,633.19	92.8%	Bakers 1
21,054.63	1,371.33	19,683.30	20,402.52	-719.22	103.7%	Chemical—Paint & Drug 2
119,176.96	7,174.29	112,002.67	98,306.43	13,696.24	87.8%	Coach—Car & Wagon. 3
292,846.96	17,265.30	275,581.66	332,975.25	-57,393.59	120.8%	Coal Mines..... 4
736,360.30	43,982.27	692,378.03	601,257.57	91,120.46	86.8%	Contractors 5
87,372.00	5,232.31	82,139.69	53,545.11	28,594.58	65.2%	Electric 6
54,723.87	3,540.74	51,183.13	29,469.73	21,713.40	57.6%	Leather—Shoes 7
140,151.59	9,310.93	130,840.66	153,020.36	-22,179.60	117.0%	Lumber 8
32,299.49	1,913.91	30,385.58	24,238.84	6,146.74	79.8%	Meat 9
1,342,082.85	88,302.82	1,253,780.03	1,133,970.57	119,749.46	90.4%	Metal 10
26,175.71	1,723.80	24,451.91	32,505.65	-8,053.74	132.9%	Milling 11
14,712.08	940.68	13,771.40	7,700.27	6,071.13	55.9%	Mining—Not Coal..... 12
313,568.04	19,295.96	294,272.08	333,552.25	-44,280.17	115.0%	Miscellaneous 13
50,062.80	3,152.32	47,910.48	45,080.78	2,720.70	94.3%	Oils 14
106,043.65	7,489.75	98,553.90	96,110.01	2,443.89	97.5%	Ore & Blast Furnace. 15
91,050.21	6,325.70	84,724.51	102,449.76	-17,725.25	120.9%	Paper 16
170,154.48	10,773.71	159,380.77	177,863.59	-18,482.82	111.6%	Pottery—Glass 17
52,549.27	3,342.03	49,207.24	46,471.79	2,735.45	94.4%	Printing 18
72,966.85	4,316.91	68,649.94	56,928.94	11,721.00	82.9%	Rubber 19
17,096.80	1,045.42	16,053.38	4,952.02	11,101.36	30.8%	Stevedore 20
108,472.91	6,738.90	101,733.92	81,600.06	20,133.26	80.2%	Stone 21
53,663.39	3,444.67	50,418.72	25,536.26	24,882.46	50.0%	Textile 22
13,358.35	785.23	12,573.12	2,196.90	10,376.22	17.5%	Tobacco 23
9,733.88	567.36	9,166.52	6,381.99	2,784.53	69.6%	Vessel 24
260,540.87	15,603.63	244,737.24	199,072.60	45,664.65	81.3%	Warehouse 25
115,837.23	7,554.45	108,282.78	92,725.95	15,556.83	85.6%	Wood 26
21,611.38	1,279.68	20,331.70	7,116.80	13,214.90	35.0%	Abstract 27
risks.....	\$275,209.06					
	124,805.24					
	120,785.58					
\$4,363,004.13	\$520,799.85	\$4,038,695.05	\$3,804,488.90	\$284,206.06	93.0%	TOTALS

ERS FUND ONLY, EXCLUDING STATE AND COUNTY FUND.)

LIABILITIES.

Warrants Issued	\$2,621,072.09
Reserve for Losses (to bring all claims to full maturity).....	\$1,182,516.90
Catastrophe Reserve, accruing from premiums on State risks	\$275,209.06
Interest received on premium deposits.....	124,805.24
Self Insurance 5% Catastrophe Reserve.....	120,785.53
Total Catastrophe Reserve.....	520,799.85
Unearned Premium Reserve.....	794,424.44
Net Surplus	284,206.06
Cash balance in fund.....	2,691,947.25
	\$5,313,919.34

INVESTMENTS.

Section 11 (1465-58, General Code) of the Compensation Act provides that the Commission "shall have the power to invest any of the surplus or reserve belonging to the state insurance fund in bonds of the United States, the State of Ohio, or of any county, city, village or school district of the State of Ohio". Under the authority vested in it by this section, the Commission has, during the time between November 16, 1914, and June 30, 1915, invested the sum of \$282,506.99 in bonds as shown below. During the preceding year the Commission invested the sum of \$476,316.50 making a total of \$758,823.49 of the surplus now invested in bonds.

<i>Date of Purchase.</i>	<i>Issued by</i>	<i>Nature of bonds.</i>	<i>Rate.</i>	<i>Amount.</i>
November 16, 1914	Montgomery Co.....	Road improvement....	5 %	\$4,000 00
December 3, 1914	Columbiana Co.....	Road improvement....	5 %	3,900 00
December 30, 1914	Village, Marble Cliff	Street improvement....	5 %	17,000 00
April 2, 1915....	Pickaway Co.....	School bonds.....	5 %	20,000 00
April 16, 1915....	Butler Co.....	School bonds.....	5 %	30,000 00
April 30, 1915....	Carroll Co.....	Public building.....	6 %	2,000 00
May 18, 1915....	Washington Co....	School bonds.....	5 %	12,000 00
May 24, 1915....	Village, Bethesda...	Street improvement....	5½%	5,000 00
May 24, 1915....	Cuyahoga Co.....	Road improvement....	6 %	5,550 00
May 24, 1915....	Village, Pomeroy...	School bonds.....	6 %	5,000 00
May 24, 1915....	Village, West Park.	Street improvement....	6 %	20,206 99
May 24, 1915....	City of Canton.....	Water and sewer im- provement	5 %	80,100 00
May 24, 1915....	City of Canton.....	Street improvement...	5½%	5,000 00
May 24, 1915....	Chicago Junction...	Water works.....	5½%	3,000 00
June 1, 1915....	Reynoldsburg	School bonds	5½%	5,000 00
June 1, 1915....	Mt. Vernon.....	School bonds.....	5 %	50,000 00
June 21, 1915....	Centerburg.....	Street improvement....	5 %	3,400 00
June 21, 1915....	Centerburg	Water works.....	5 %	350 00
June 21, 1915....	Carroll Co.....	Bridge bonds.....	6 %	7,000 00
Total				\$282,506 99

PART II.

DEPARTMENT OF INSPECTION.

The Department of Inspection consists of the old Workshops and Factories, Boiler Inspection, Steam Engineers and Mine Departments, and the work in this department has been carried on under the direct supervision of Commissioner T. J. Duffy.

DIVISION OF WORKSHOPS, FACTORIES AND PUBLIC BUILDINGS.

The Division of Workshops, Factories and Public Buildings for the period covered by this report has been under the immediate supervision and direction of Mr. Thomas P. Kearns, Chief Deputy.

No statistical records of the work done during this period being available at this time it will be necessary to confine this report to a general outline of the work done in the different lines.

As has been customary in recent years, without neglecting any of the other duties imposed upon the department a greater part of the time has been devoted to factory inspection work, the primary object for which the department was organized. This is without doubt one of the most important as well as most humanitarian phases of the work, the purpose of which is protection to life, limb, health and moral's of our industrial workers.

While it has been possible to accomplish a great deal in this direction, and through persistent efforts, the department has been successful in bringing about a decided improvement in the conditions of our workshops and factories both from a safe and sanitary point of view, no claim is made that the conditions in this respect are entirely satisfactory or that it has been possible to maintain proper standards at all times and in all places. With the varying conditions in the different industries and the changes that are constantly being made, it would be necessary, in order to get the desired results, to make more frequent visits to these establishments and to keep in constant touch with the situation. This it has not been possible to do because of our present inadequate force and the numerous other duties demanding the attention of the department.

Then, too, the inadequacy of the laws and the lack of proper standards by which to be guided has handicapped to some extent in this work. It is gratifying to know, however, that this trouble will be largely overcome when the code of safety and sanitary standards adaptable to the different industries, which is now in course of preparation by the com-

mittees appointed by the commission representing the different lines of industries, assisted by the safety director, is completed. With the completion, adoption and promulgation of these rules, aided by the campaign of education which is now being conducted among the different manufacturing industries of the state, there should be a better understanding and closer co-operation between the employes, employers and the department, which will insure a more effective enforcement of the laws and much more satisfactory results.

During the period which this report covers, an inspection of 14,059 factories and factory buildings has been made and thousands of orders have been issued for changes to improve the conditions as they relate to protection of life, limb and health, most of which have been reported complied with. In addition to making these inspections, numerous revisits were made to confer with employers relative to orders issued and to ascertain whether or not our orders had been complied with.

Minor Labor Law.

The department has also given careful attention to the enforcement of all the provisions of the Minor Labor Law and we are pleased to report that in most cases we find that an earnest effort is being made by the employers to observe the provisions of this law. The inspectors' reports indicate that there is not only a very material decrease in the number of children found illegally employed, but in the total number employed as well, which is due to a better understanding of the law, its intent and purpose, and the persistent efforts of the department to rigidly enforce the same. It was found necessary, however, in a number of instances to bring prosecution to compel proper respect for the provisions of this law. Fifty-three prosecutions were brought, in all of which, except one, conviction was secured and a penalty assessed.

In connection with the enforcement of the Minor Labor Law, attention is called to the fact that some of the worst abuses of child labor were found to exist in the rural communities where many children are employed on truck farms, in the onion and celery patches and similar occupations. As previously reported, in one instance a total of ninety children, ranging in age from six to sixteen years were found in one of the onion patches working from ten to twelve hours a day. Some of this work is of a laborious as well as unhealthful nature and undoubtedly injurious to these children. The present law does not apply specifically to this kind of employment. The abuse seems to be growing and should be called to the attention of the Legislature so that proper remedial legislation could be enacted.

Women's Fifty-Four Hour Law.

Notwithstanding the ever-broadening scope of women's employment, and the fact that they are found in nearly every class of industry

today, no serious difficulty has been experienced in the enforcement of the Fifty-Four Hour Law, especially in the manufacturing industries and mercantile establishments to which it applies. Of course, many infractions of the law were found, but in most instances these were of a minor nature and easily adjusted. It was necessary to bring prosecution in but eight cases for violation of this law, in all of which conviction was secured.

In this connection it is worthy of mention that the department has been receiving numerous complaints in regard to the long hours which females are compelled to work in the mercantile establishments located in the smaller cities of the state. The present law exempts mercantile establishments in towns of less than five thousand, and therefore no relief could be given unless the employes in question were under twenty-one years of age, in which case some of the provisions of the Minor Labor Law as they relate to hours of labor would apply. Judging from the number and nature of these complaints it would seem that the question of amending the law so as to include these establishments is at least worthy of consideration.

Public Building Inspection.

A total of twenty-nine hundred and eighty-seven public buildings were inspected as follows:

Schools	1,183
Halls	498
Theatres	444
Churches	415
Hotels, tenements and miscellaneous buildings.....	447

As will be noted a large percentage of the buildings inspected were school buildings. Most of these inspections were made upon complaint or upon request of the different boards of education in the smaller towns, villages and rural communities of the state, where for the past two years there has been a growing tendency to improve the conditions of their schools, as a result of which many needed changes and improvements have been made to their buildings, much to the credit of the boards of education and the people and to the advantage of the pupils. The inspection of the other classes of buildings is none the less important, however, from the standpoint of public safety and, as noted by the summary, they have not been neglected, but have received as much time and attention as it was possible to give them under the circumstances.

Examination and Approval of Plans.

Five hundred and four sets of plans and specifications were examined by the two architects. The plans examined include all types

of public buildings and the number of each is given in the following table:

School buildings, public and parochial.....	198
Churches and temporary tabernacles.....	69
Theatres of all classes and air domes.....	80
Heating, ventilating and sanitary systems, all classes of buildings	98
Miscellaneous, including business and other college buildings, libraries, dormitories, Y. M. C. A. buildings, state institu- tions, armory buildings, lodge buildings, town halls, court houses, jails, etc.....	59
Total	504

A comparison with the corresponding period of the preceding year shows an increase of approximately 15 percent in the number of plans examined. The number of all plans for buildings, except schools, will be less than the preceding year, and the increase in this part of the work is almost entirely due to the number of new school buildings built in the past year.

Bakeshops.

No part of our work is so closely related to the public health as bakeshop inspection. It is essential in the interest of public health that bakeries be conducted under the best of sanitary conditions and with the utmost regard for cleanliness. The three men engaged in this work have labored diligently to bring about better sanitary conditions in these establishments. Thirteen hundred and eighty-one of these establishments were inspected and numerous orders issued for changes, most of which pertained to the sanitary conditions and a great majority of these orders have been reported complied with, thus insuring much improved conditions in these establishments.

Summary of the Work Done.

Number of Inspections made from Nov. 16, 1914, to June 30, 1915.

Schools	1,183
Halls	498
Theatres	444
Churches	415
Hotels	130
Tenements	82
Miscellaneous	235
Home workshops	27
Factories and factory buildings.....	14,059
Bakeshops	1,381
Mercantile establishments	1,792
High explosives	20
Total number of inspections made.....	20,266
Total number of revisits made.....	8,755

This is an average of 2,694 inspections per month if the same rate was maintained for the balance of the year, and the total number of inspections for the year would be 32,328 as compared to 26,662 inspections last year, an increase of 5,666 inspections or 21 per cent.

Prosecutions.

There was a total of 62 prosecutions brought for violation of the laws coming under the jurisdiction of this department as follows:

Child Labor —	
Without schooling certificates.....	29
Under legal age.....	18
Working over hours.....	5
Working after six p. m.....	1
Women's Fifty-four Hour Law — Working more than ten hours per day	8
Failure to comply with orders of the department.....	1

In all of these cases, except one, either a plea of guilty was entered or a conviction secured. The total amount of fines assessed was \$1,365.00 and the total amount of fines paid was \$410.00; amount of costs paid \$385.35 and the amount of fines suspended \$405.00. In one case for violation of the Building Code which was tried in a justice court, a verdict of guilty was rendered and a fine of \$550.00 assessed, but the case was appealed to the higher courts and is still pending.

REPORT OF SAFETY DIRECTOR.

The work of the new safety director, Victor T. Noonan, was inaugurated on January 13 to 16, 1915, with the opening of the First Industrial Safety Exposition of Ohio, which was held in Memorial Hall, Columbus, more than one hundred and twenty-five companies and corporations from every section of the country taking part.

Fully seventy-five thousand manufacturers and workmen visited the exposition, which was declared to have been the most remarkable accomplishment of its kind ever held in the country. The exposition cost at least five thousand dollars but only a small part of this was paid by the state. The Industrial Commission made an appropriation of five hundred dollars toward defraying the expenses but only three hundred dollars of this amount was used in paying the state's part of the expense of the exposition.

The safety director has since completed plans for the Second Annual Industrial Safety Exposition which will be held in Cleveland, January 22 to 30, 1916. The Cleveland Chamber of Commerce has given an appropriation of one thousand dollars to secure the rental of Central Armory for the exposition.

A successful exhibit in which fifteen of the largest companies and corporations in the state took part, was presented at the State Fair, August 30 to September 4, 1915. Ohio was the first state in the country to have a safety exhibit illustrating the conservation of life and limb at a State Fair.

During the past six months the safety director has been conducting personal educational campaigns in the factories of the state by directly appealing to the workmen and employers to assist in reducing accidents in this state at least 50 per cent. In these campaigns more than four hundred factories and more than one hundred thousand workmen, also more than seventy-five public organizations have been reached by the safety director in his personal talks to the workmen. These campaigns have been held in Steubenville, Middletown, Dayton, Canton, Cleveland, Youngstown, Akron and Toledo. The Cleveland campaign was such a success that it is to be continued in September under the direction of the Cleveland Chamber of Commerce and another will be held in Toledo in October.

An appropriation of five thousand dollars a year for two years has been made by the state legislature for use by the Industrial Commission in carrying on this educational work to prevent accidents. A safety bulletin, the first issued by the Commission has also been published.

Plans are also under consideration by the safety director for the preparation of two motion picture films, one to illustrate the causes of accidents in the workshops and the other to show what the employers of the state are doing to prevent workshop accidents.

DIVISION OF BOILER INSPECTION.

The Division of Boiler Inspection for the period covered by this report has been under the immediate supervision and direction of Mr. Herbert V. Neff, Chief Deputy.

All steam boilers built and installed in this state since July 1, 1912, must be of such construction as will conform to the specifications contained in the Ohio Book of Boiler Rules. In addition, the boiler must be inspected during construction by an inspector who has qualified before The Industrial Commission of Ohio. Each such inspector holds a commission authorizing him to make inspection, either on behalf of the state or for an insurance company authorized to do business in Ohio.

It is made optional on the part of the owner of a boiler whether he shall contract with an insurance company for inspection service and boiler insurance, or have the boiler inspected by the state. In either event the original inspection report is filed with the Division of Boiler Inspection of the Commission, which division has charge of the enforcement of the boiler inspection law.

Annual certificates are issued on approved boilers showing the maximum pressure at which the boilers may be operated during the year covered by the certificate. An annual inspection charge of \$8.00 is maintained by the Division of Boiler Inspection as follows: \$5.00 for internal inspection, \$2.00 for external inspection and \$1.00 for annual certificate.

The following will indicate in a general way the extent of the work performed by the Boiler Inspection Division during the ten months beginning September 1, 1914, and ending June 30, 1915.

12,200 Certificates issued.....	at	\$1 00 each,	\$12,200 00
2,385 Internal inspections	at	5 00 each,	11,295 00
381 External inspections	at	2 00 each,	762 00
24 Boiler inspector examinations.....	at	10 00 each,	240 00
Interest on bank deposits.....			98 04
Total			25,225 04

During the same period fifty thousand boiler inspection reports were received, checked and filed, covering boiler inspections made by boiler inspectors in the employ of boiler insurance companies.

It is impossible to give further statistical report in regard to the number of new boilers installed during this period or the number of boilers condemned and put out of service on account of lack of help in this department.

DIVISION OF STEAM ENGINEERS.

The Division of Steam Engineers for the period covered by this report has been under the immediate supervision and direction of Mr. Otto M. Elzemann, Chief Examiner of Steam Engineers.

The duty of examining applicants for stationary engineers' and boiler operator's licenses and the issuance of such licenses to those who successfully pass the required examination is assigned to the above division of the commission. A brief summary of the work carried on by the Division of Steam Engineers during the time between November 16, 1914, and June 30, 1915, is presented herewith:

Applicants for stationary engineer's license.....	1,358
Applicants for boiler operator's license.....	1,150
Total applications received.....	2,508
Number failing for engineer's license.....	902
Number failing for boiler operator's license.....	614
Total failing for licenses.....	1,516

Applicants qualifying for engineer's license.....	456
Applicants qualifying for boiler operator's license.....	536
Total qualifying for licenses.....	992
Stationary engineer's licenses renewed.....	10,079
Boiler operators' licenses renewed.....	2,310
Total	12,389
Total receipts for examinations and renewals.....	\$29,794

Twenty-two arrests and convictions were secured against violators of the Engineers' and Boiler Operators' License Laws. Of this number 10 were secured against employers and 12 against employes.

Three licenses were revoked for cause. Of this number 2 were revoked for habitual intoxication while on duty and one for fraud for making false affidavit as to his age.

DIVISION OF MINES.

The Division of Mines for the period covered by this report has been under the immediate supervision and direction of Mr. John M. Roan, Chief Inspector and Safety Commissioner of Mines.

At the beginning of the year 1914, prospects were bright for a prosperous year in the coal industry of Ohio but at the end of the wage contract existing between the miners and operators of the state, April 1, 1914, practically all of the mines closed down, pending the signing of a new wage scale for a period of two years. This proved a difficult matter on account of the "Run of Mine" law which was passed in February, 1914, and which provided for a complete change in the system of weighing and paying for the amount of coal mined by the miner. In consequence a portion of the mines were idle for about four months, at the expiration of which time they reached an agreement based on the "Run of Mine" law.

There was a difference of opinion between the Eastern Ohio operators and the operators of the remainder of the state and this resulted in the refusal of the operators of Eastern Ohio to sign the agreement that was accepted by other districts. This caused the mines to lay idle for fourteen months when a contract was eventually signed and preparations made for resuming operations. However, by this time the coal industry of the state had reached such a low ebb that those mines which did resume operation are working only two or three days a week, some have closed since resuming and others have never justified being opened. Practically the same conditions prevail in the Hocking district and many of the large operators have been forced to close their mines for lack of trade.

The industrial and financial condition of the country at large was responsible in a measure for the great depression felt in the coal industry for the latter part of 1914 and early part of 1915; also the long suspension of many of the large mines and discrimination against Ohio coal were held responsible to a great degree by many for the lack of stimulus in the industry.

Investigations are now in progress which, no doubt, will have a splendid effect as they will bring to the attention of the people of Ohio many interesting facts concerning this great industry and impress upon them the necessity of using Ohio coal. Ohio with its enormous consumption of coal which is twice its production should be the last to feel any depression in its coal business.

Whatever may have been the causes that brought about this condition, the effect has been baneful and it will take heroic measures to bring the industry up to the standard of production and the prosperity resulting therefrom which was enjoyed at the beginning of 1914. Operators have experienced a profitless business and want and misery have been the lot of practically two-thirds of the miners of the state within the last year and a half.

When the investigations, searching in their nature, now in progress have been completed, it is hoped that they will have solved the problems of the decline of the Ohio coal industry which withheld the means of livelihood of 50,000 miners and that the year 1916 will witness the resumption of trade activities.

Activities of the Department.

On account of the depression of the state's coal industry the work of the inspection department was not as active as the preceding year. However, special attention was paid to oil and gas well operations, in particular that of sealing and abandoning of wells.

After the wage agreement was signed in Cleveland in May, 1915, the mine rescue car was dispatched to Eastern Ohio, with a corps of inspectors to be available in case of mine fires or any unusual occurrences liable to be encountered when re-opening mines that have long been idle. Three weeks were spent in visiting and inspecting mines that contemplated operation.

During the year 1,391 inspections of mines were made; the causes of 35 fatal accidents were investigated and the abandonment of 134 oil wells was witnessed.

Thirty fatal accidents were reported from November 16, 1914, to June 30, 1915. These were accidents which proved fatal as a result of injuries received in coal mines; one death was reported as having occurred in a lime-stone mine and one in a fire-clay mine. Three deaths were due to heart failure.

Falls of roof and coal caused the death of 22 persons, four deaths were due to mine cars, one to electricity, one to premature explosion and two to miscellaneous causes.

The greatest number of fatal accidents were reported from Athens county where six occurred, Meigs county reported four deaths, Perry, Guernsey and Jackson each three, Noble county two and one each from Belmont, Columbiana, Coshocton, Lawrence, Portage, Stark and Tuscarawas counties.

Six hundred and eighty-one oil and gas well maps showing locations were filed during the year; 346 permits were granted for the drilling of oil and gas wells and 134 oil and gas wells were abandoned.

Eighteen prosecutions for violation of the mining laws were reported during the time represented by this report and fines amounting to \$37 were collected and turned over to the cashier's department.

Causes for these prosecutions were as follows: throwing back fine coal in mine, 2; riding on loaded trips, 7; loitering on switch, 3; leaving trap door open, 2; unlawfully operating a mining machine, 2; depositing calcium carbide in mine, 1; and riding on man-trip without having signed agreement, 1.

During the time covered by this report a number of safety bulletins were issued by the department upon matters brought to its attention. It is believed that these have resulted in much good and improved mining conditions and surrounded the miner with better safe-guards for the protection of life and limb.

DEPARTMENT OF INVESTIGATION AND STATISTICS.

The Department of Investigation and Statistics for the period covered by this report has been under the immediate supervision and direction of Mr. Fred C. Croxton, Chief Statistician and Mediator.

For convenience and efficiency the department is divided into three divisions as follows:

1. Division of Investigation and Statistics.
2. Division of Employment Offices.
3. Division of Mediation and Arbitration.

The activities of these three divisions are taken up separately below.

DIVISION OF INVESTIGATION AND STATISTICS.

The Division of Investigation and Statistics collects all statistical data relating to industrial and social conditions in the state, prepares information of this nature for publication and also handles the statistical work of all the other departments of the Industrial Commission.

During the seven and one-half months ending June 30, 1915, the following reports have been printed or are now in the hands of the printer:

Report No. 4. "Industrial Accidents in Ohio, January 1, 1914, to June 30, 1914". This report includes data for 26,810 industrial accidents. It is a comprehensive report upon the causes of accidents and the nature of injury according to the Ohio experience during the period.

Report No. 5. "Union Scale of Wages and Hours of Labor in Ohio, May 15, 1914." This report shows the rate of wages for regular time, the over-time rate and the hours of labor in each of the fourteen largest cities of Ohio according to the Union agreement in effect on May 15, 1914.

Report No. 6. "Industrial Accidents in Montgomery County, Ohio, from July 1 to December 31, 1914." This report analyzes with special reference to causes, 1,673 industrial accidents occurring in Montgomery county.

Report No. 7. "Industrial Accidents in Franklin County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 2,596 industrial accidents.

Report No. 8. "Industrial Accidents in Cuyahoga County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 8,672 industrial accidents.

Report No. 9. "Industrial Accidents in Hamilton County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 4,308 industrial accidents.

Report No. 10. "Industrial Accidents in Lucas County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 2,198 industrial accidents.

Report No. 11. "Industrial Accidents in Mahoning County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 2,674 industrial accidents.

Report No. 12. "Industrial Accidents in Summit County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 1,464 industrial accidents.

Report No. 13. "Industrial Accidents in Stark County, Ohio, from July 1 to December 31, 1914," analyzes as indicated above, 1,389 industrial accidents.

Report No. 14. "Cost of Living of Working Women in Ohio." This investigation was carried on by special agents of the department in cooperation with a number of volunteers throughout the state. Account books providing for a daily record of expenditures were furnished self-supporting working women living away from home. Two hundred and eight of these books were secured with exact records of expenditures for periods varying from four to ten weeks each. One hundred and sixty-four budgets showing expenditures for a whole year were also secured. The average weekly income of the 164 who supplied annual budgets was \$8.24 and the average expenditure \$7.94. One-half

(49.8 per cent) of the total expenditure was for food and shelter and one-fourth (24.5 per cent) was for clothing.

The following reports are in process of preparation:

1. "Wages and Hours of Labor in Ohio in 1914." This report will show classified wages of approximately 680,000 wage earners, 62,000 bookkeepers, stenographers and office clerks and 34,000 sales-people. It will also show hours of labor, days in operation, total wage and salary payments and the fluctuations in number employed.

2. "Workshop and Factory Inspection in Ohio, September 1, 1913, to December 31, 1914." This report will replace the annual report formerly issued by the chief factory inspector. It will show in detail, both by localities and by industries, the nature of the orders issued as a result of the inspections made by the inspectors of the Division of Workshops, Factories and Public Buildings.

3. "Physical Examination of Wage Earners in Ohio." This investigation is a study of the scope and results of the physical examination of applicants for work and employes in industrial establishments throughout the state.

4. "Statistics of Mines and Quarries in Ohio, 1914." This report will contain the statistical information relative to number of employes, production, days in operation, etc., formerly included in the report of the Chief Inspector of Mines. Additional information will be included showing average wages for each of the principal occupations and fluctuation in number of employes.

5. "Industrial Accidents in Ohio, January 1, 1914, to June 30, 1915." This report will summarize the data concerning all industrial accidents occurring during the 18 months since insurance under the Workmen's Compensation Law became compulsory. Special emphasis will be placed upon the analysis of causes in order that proper steps may be taken to prevent accidents.

DIVISION OF EMPLOYMENT OFFICES.

Under the supervision of the Department of Investigation and Statistics, free labor exchanges are operated in Cleveland, Cincinnati, Columbus, Toledo, Dayton, Youngstown and Akron. The offices located in Youngstown and Akron were established April 1, 1915, while the other five have been in operation for a number of years. In each of the cities except Columbus, the municipality is cooperating with the state in conducting and bearing the expense of the offices and they are known as State-City Free Labor Exchanges. Steps are now being taken to secure cooperation in Columbus.

A special agent of the department has immediate oversight of the free labor exchanges and of their record and filing systems. The same agent also investigates the work of the private licensed employment

agencies, and secures evidence against persons conducting employment agencies without license.

Report No. 15 of the department entitled "Work of the Free Labor Exchanges of Ohio for the Year Ending June 30, 1915," has been sent to the printer. This report shows that during the twelve months 336,848 applied for work, 75,840 were requested by employers, 73,523 were referred to positions and definite information was secured that 62,237 secured work.

DIVISION OF MEDIATION AND ARBITRATION.

This division keeps in touch with labor disputes throughout the state, and also in touch with differences which are likely to develop into labor disputes. The work is handled by the chief mediator and two special agents who act in the capacity of deputy mediators.

During the period covered by this report, a settlement was secured of a strike which involved approximately 1,000 brick, tile and sewer pipe workers in the Toronto district. Two threatened difficulties, one of which would have covered a very large number of employes, were also adjusted.

DEPARTMENT OF FILM CENSORSHIP.

The Board of Censors of Moving Picture Films for the period covered by this report consisted of Mr. Chas. G. Williams, chairman; Mrs. Maude Murray Miller and Mr. W. R. Wilson. The term of Mrs. Miller expires August 31, 1915; the term of Chairman Williams, August 31, 1916, and the term of Mr. Wilson, August 31, 1917.

In April, 1913, the Ohio Legislature passed a law establishing the Ohio Board of Censors to consist of three members, said law requiring that all films be passed upon by this board before being exhibited in the state. A penalty was provided against anyone who exhibited a film that had not been approved. The board began censoring on September 20, 1913, and continued until December 31, 1913, when the work was suspended pending a decision by the United States Supreme Court on the constitutionality of the law. This decision was rendered in April, 1914, and settled the proposition that exhibiting motion pictures does not come within the constitutional provision relative to free speech and the press. In other words, it decided that a state has the right to regulate the exhibition of motion pictures.

In 1915 a bill known as the Besaw bill was introduced in the General Assembly. This bill sought to make the original law more workable and effective, to correct the violations by making the exchanges responsible and to cure many other defects relative to its enforcement. This measure passed both branches of the legislature with a large majority and became operative August 27, 1915.

During the past few months several prosecutions have been made for the violation of the censorship law to the end that in most instances the wrong-doer has been punished. The law is being enforced generally throughout the state. A careful record is kept of each film and the work of the board is dispatched in an expedient manner. A fee of one dollar per reel of one thousand feet or fractional part thereof is paid to the state as a censorship fee and this fund more than pays all expenses in connection with the work of the board.

The following is a brief summary of the work performed by this division during the period from November 16, 1914, to June 30, 1915.

Reels censored	17,693 — 100.00%
Reels approved	16,971 — 95.92%
Reels rejected	722 — 4.08%
Reels approved with eliminations.....	4,725 — 26.71%
Reels approved without eliminations.....	12,246 — 69.21%

THE INDUSTRIAL COMMISSION OF OHIO

Expenditures and Receipts

(48)

STATEMENT OF EXPENDITURES.

November 16, 1914-June 30, 1915.

	<i>Salaries.</i>	<i>Expense.</i>	<i>Equipment.</i>	<i>Totals.</i>
Executive	\$31,101 13	\$17,157 59	\$767 14	\$49,025 86
Workmen's Compensation (State Insurance)	87,130 24	14,052 60	1,717 22	102,900 06
Statistical	28,860 85	4,757 85	1,600 13	35,218 83
Workshops and Factories	38,224 32	15,449 63	334 42	54,008 37
Mines	21,232 17	7,256 65	279 70	28,768 52
Boilers	16,405 58	5,495 45	131 25	22,032 28
Engineers	14,162 52	4,200 31	41 50	18,404 33
Film Censorship	7,042 34	6,746 47	755 96	14,544 77
Grand Totals	\$244,159 15	\$75,116 55	\$5,627 32	\$324,903 02

THE INDUSTRIAL COMMISSION OF OHIO

DIVISION OF COLLECTIONS.

STATEMENT OF MISCELLANEOUS REVENUES.

November 16, 1914 to June 30, 1915.

RECEIPTS.

Film Censorship—	
License Fees	\$18,451 00
Duplicate Leaders	81 20
Investigation and Statistics—	
Private Employment Agency Fees.....	2,875 00
Examiners of Steam Engineers—	
Examination and License Fees.....	29,794 00
Boiler Inspection—	
Inspection and License Fees.....	21,993 50
Interest on Bank Deposits.....	77 96
Mining Department—	
Fines, Sale of Test Weights.....	71 00
Miscellaneous—	
Sale of Waste Paper.....	23 25
Total Receipts	\$73,366 91
Central National Bank (Bal. Nov. 15, 1915).....	3,070 55
Grand Total	\$76,437 46

DISBURSEMENTS

J. P. Brennan, Treasurer of State	\$13,903 94
R. W. Archer, Treasurer of State	57,232 47
Refunded Fees	15 00
Central National Bank (Bal. June 30, 1915)	5,226 05
Grand Total	\$76,437 46

BULLETINS ISSUED BY THE INDUSTRIAL COMMISSION.

The Industrial Commission of Ohio has issued bulletins from time to time dealing with subjects of interest to employers, employes and the general public. In addition to the statistical bulletins heretofore mentioned, the following bulletins have been issued by the Commission since its organization:

- Vol. I, No. 1—The Industrial Commission, issued December 1, 1913.
- Vol. I, No. 2—The Cost of State Insurance, issued June 1, 1914.
- Vol. I, No. 3—The Workmen's Compensation Act With Amendments, issued August 1, 1914.
- Vol. I, No. 4—Summary of Claims Reported During May, 1914, issued September 1, 1914.
- Vol. I, No. 5—Medical Aid Under the Workmen's Compensation Act, issued October 1, 1914.
- Vol. I, No. 6—Lump Sum Awards, issued November 1, 1914.
- Vol. I, No. 7—Opinions in Important Claims Decided by the Commission, issued December 1, 1914.
- Vol. II, No. 1—Evolution of Workmen's Compensation Legislation, issued January 1, 1915.
- Vol. II, No. 2—First Annual Report, issued February 1, 1915.
- Vol. II, No. 3—Safety First, issued March 1, 1915.

Copies of these bulletins may be obtained by applying to the Commission therefor.

On account of the issuance of the several statistical reports and bulletins above referred to it is possible to make the annual report much shorter than it otherwise could be made, and in formulating the same we have attempted to make it as short and concise as possible and meet the requirements of the statute.

THE INDUSTRIAL COMMISSION OF OHIO

DEPARTMENT OF
INVESTIGATION AND STATISTICS

REPORT No. 22

Report On Employers Carrying Self-Insurance As Provided Under Section 22 of the Work- men's Compensation Act



COLUMBUS, OHIO:
THE F. J. HEER PRINTING CO.
1916

Bound at the State Bindery.

REPORT ON EMPLOYERS CARRYING SELF-INSURANCE AS
PROVIDED UNDER SECTION 22 OF THE WORKMEN'S
COMPENSATION ACT.

Complying with the directions of the Industrial Commission, the Department of Investigation and Statistics sent to each of the firms carrying self-insurance under the State plan, as provided for under Section 22 of the Workmen's Compensation Act, a form upon which they were requested to furnish certain information relative to facilities provided for medical and hospital treatment of injured employees and also whether or not they had reinsured.

On November 1, 1915, 1,046 firms employing a total of 222,697 persons were carrying self-insurance under the State Plan. In response to requests for information, the Department of Investigation and Statistics has received returns from 994 firms employing 221,061 persons, but has not yet received reports from 52 firms employing 1,636 persons. Nine of the 52 firms that have not reported have gone out of business since November 1st. A number of the firms reporting operate more than one establishment or plant.

Whether or not reinsurance is taken is determined by the policy of the particular firm, but medical and hospital facilities may vary in the different establishments belonging to a firm, therefore, the information concerning medical and hospital facilities has been compiled for establishments, rather than for firms, as far as the nature of returns will permit.

REINSURANCE.

On the form used in collecting data, one of the inquiries was — "After electing to carry Compensation Insurance under Section 22 of the Workman's Compensation Law, have you reinsured under any company or association?"

Nine hundred and ninety-four of the 1,046 firms carrying Self-Insurance under the State Plan replied to this inquiry. Of the 994 firms which made reply, 284 firms employing a total of 173,762 persons had not reinsured, and 710 firms employing a total of 47,299 persons had reinsured. It will be seen therefore, that while less than one-third (28.6 per cent) of the 994 firms are carrying insurance without reinsuring, these firms furnish employment to over three-fourths (78.6 per cent) of the 221,061 persons employed by the 994 firms reporting and to more than three-fourths (78.0 per cent) of the 222,697 employed by the total number of firms (1,046) carrying Self Insurance under the State Plan.

The average number of persons per firm employed by the 284 firms which have not reinsured is 612, the average for the 710 firms which have reinsured 67, and the average for the 52 firms which have failed to report on this subject 31.

Of the 284 firms which have not reinsured, 167, or 58.8 per cent, employ 50 or more persons, while of the 710 firms which have reinsured only 175 or 24.6 per cent, employ more than 50 persons.

The number of firms reporting each classified number of employees was as follows:—

<i>Classified number of employees.</i>	<i>Number of firms which have not reinsured.</i>	<i>Number of firms which have reinsured.</i>	<i>Total.</i>
"No employees at present".....	3	9	12
Less than 10 employees.....	48	193	241
10 and under 25 employees.....	40	204	244
25 and under 50 employees.....	26	129	155
50 and under 100 employees.....	20	74	94
100 and under 250 employees.....	46	64	110
250 and under 500 employees.....	27	18	45
500 and under 1,000 employees.....	23	13	36
1,000 and under 5,000 employees.....	42	6	48
5,000 employees or over.....	9	0	9
Total	284	710	994

The reinsurance carried by the 710 firms which have reinsured is reported carried by the following companies:—

<i>Company with which reinsured.</i>	<i>Number of firms.</i>
Aetna Life Insurance Co., Liability and Accident Dept.....	203
Travelers Insurance Co.....	158
Royal Indemnity Co.....	113
Employers Indemnity Exchange.....	64
Casualty Co. of America.....	60
Ocean Accident and Guarantee, Corp. Ltd.....	23
Maryland Casualty Co.....	20
Standard Accident Insurance Co.....	18
Employers Liability Assurance Corp., Lim.....	11
London Guarantee and Accident Co., Lim.....	11
Fidelity and Casualty Co. of New York.....	7
Globe Indemnity Co.....	7
Hartford Accident and Indemnity Co.....	7
U. S. Fidelity and Guarantee Co.....	5
General Accident Fire and Life Assurance Corporation.....	2
Fidelity Deposit Co. of Maryland.....	1

It should be borne in mind that no reports concerning reinsurance were received from 52 firms.

ARRANGEMENTS FOR TREATING AND CARING FOR INJURED EMPLOYEES.

The 994 firms carrying self insurance under the State plan and reporting as to arrangements for caring for injured employees represent 1,017 establishments.

Of the 1,017 establishments reporting —

- 59 report a hospital connected with plant.
- 34 report an emergency dispensary, but no hospital connected with plant.
- 923 report no hospital connected with plant.
- 1 reports physician at plant on salary, but no hospital.

Of the 59 establishments which report a hospital connected with plant —

- 12 report less than 500 employees.
- 19 report 500 but under 1,000 employees.
- 22 report 1,000 but under 5,000 employees.
- 6 report 5,000 employees or over.

Of the 34 establishments which report an emergency dispensary, but no hospital —

- 12 report 100 but under 250 employees.
- 7 report 250 but under 500 employees.
- 8 report 500 but under 1,000 employees.
- 7 report 1,000 but under 5,000 employees.

Of the 923 establishments which report no hospital connected with plant —

- 250 report less than 10 employees.
- 244 report 10 but under 25 employees.
- 149 report 25 but under 50 employees.
- 92 report 50 but under 100 employees.
- 103 report 100 but under 250 employees.
- 36 report 250 but under 500 employees.
- 27 report 500 but under 1,000 employees.
- 22 report 1,000 but under 5,000 employees.

Equipment and Attendants.

Of the 59 establishments reporting a hospital connected with plant—

- 47 report a complete hospital equipment.
- 5 report a partial equipment.
- 7 did not report concerning equipment.
- 57 report a medical graduate in charge.
- 1 reports a non-graduate in charge.
- 1 reports a graduate nurse in charge.
- 24 report a graduate female nurse in attendance.
- 6 report a non-graduate nurse or attendant.
- 8 report a graduate male attendant.
- 21 did not report attendants.

Of the 34 establishments reporting an emergency dispensary, but no hospital connected with the plant —

- 13 report a medical graduate in charge.
- 10 report a graduate nurse in charge.
- 5 report a non-graduate attendant in charge.
- 3 report no one in charge, but physician called when needed.
- 3 did not report concerning person in charge.

Five establishments reported additional attendants., besides the persons in charge—

Contracts with Physicians.

Of the 1,017 establishments for which returns were made —

- 188 report a contract with outside physicians for treating and caring for injured employes.
- 53 report no contract, but call nearest physician.
- 619 report no contract with outside physician.
- 157 did not report as to arrangements with outside physician.

Of the 188 establishments which report having a contract with outside physician —

- 22 report paying stated monthly or yearly sum.
- 15 report special contract as to rates for each case.
- 49 report paying regular rates.
- 102 did not report nature of contract.

Arrangements with Outside Hospitals.

Of the 1,017 establishments for which returns were made —

- 146 report that they have arrangements with outside hospitals for treating and caring for injured employes.
- 3 large establishments report no arrangements with outside hospital as the plant hospital is sufficient.
- 142 report no arrangements with outside hospital, but use nearest one.
- 726 did not report any arrangements with outside hospital.

Of the 146 establishments which report having made arrangements with outside hospital —

- 31 report a special contract as to rates.
- 89 report no special contracts, but pay regular rates.
- 26 did not report as to arrangements.

Choice of Physician.

Of the 1,017 establishments for which returns were made —

- 687 report that choice of attending physician is allowed injured person, or his family or friends.
- 55 report that choice is allowed but discouraged.
- 12 report that choice is allowed but retain privilege of having company physician make an examination.
- 80 report that choice of attending physician is not allowed.
- 183 did not report as to whether or not choice was allowed.

Of the 754 establishments which report that injured employe is allowed choice of physician, either with or without restrictions —

- 604 report that the company pays the physician.
- 83 report that the company does not pay such physician.
- 67 did not report as to payment of such physician.

First Aid Outfits.

"First Aid" outfits were used by, practically all of the establishments for which returns were made to take care of the injured employes until a physician could be reached. A few establishments used first aid outfits for final dressings in minor injuries.

Of the 1,017 establishments for which returns were made —

- 45 report that first aid outfit is used in all classes of injuries.
- 309 report that first aid outfit is used in minor injuries.
- 484 report that no first aid outfit is used.
- 179 did not report as to first aid outfit.

Of the 354 establishments which report the use of first aid outfits —

- 233 report that certain persons are instructed in the use of the first aid outfit.
- 5 report that a trained nurse is in charge of the first aid outfit.
- 60 report that no particular person is in charge of the first aid outfit.
- 56 did not report as to person in charge of first aid outfit.

Of the 233 establishments which report that certain persons are instructed in the use of first aid outfits —

- 50 report that the person in charge is instructed by means of first aid lectures, demonstrations, and manuals.
- 143 report that the person in charge is instructed by manuals.
- 40 did not report as to method of instructing person in charge.

Respectfully submitted,

FRED C. CROXTON,
Chief Statistician.

April 12, 1916.

THE INDUSTRIAL COMMISSION OF OHIO

DEPARTMENT OF
INVESTIGATION AND STATISTICS

REPORT No. 23

Mediation of Industrial Disputes in Ohio, January 1914 to June 1916



COLUMBUS, OHIO:
THE F. J. HEER PRINTING CO.
1916.

Bound at the State Bindery.

RESOLUTION.

Be it Resolved by The Industrial Commission of Ohio that the report of the Statistical Department covering Mediation of Industrial Disputes in Ohio from January, 1914, to June, 1916, be and the same is hereby authorized to be published as Bulletin No. 4, Vol. 3 of The Industrial Commission of Ohio.

Adopted June 16, 1916.

THE INDUSTRIAL COMMISSION OF OHIO

BY WALLACE D. YAPLE, *Chairman*.

Attest:

GEO. L. STOUGHTON, *Secretary*.

(2)

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MEDIATION OF INDUSTRIAL DISPUTES IN OHIO, JANUARY, 1916 TO JUNE, 1916.

GENERAL SUMMARY.

The Act creating the Industrial Commission of Ohio provides that :

"It shall also be the duty of the Industrial Commission, and it shall have full power, jurisdiction and authority to do all in its power to promote the voluntary arbitration, mediation and conciliation of disputes between employers and employes and to avoid the necessity of resorting to lockouts, boycotts, black-lists, discriminations and legal proceedings in matters of employment. In pursuance of this duty, it may appoint temporary boards of arbitration, provide the necessary expenses of such boards, order reasonable compensation not exceeding five dollars per day for each member engaged in such arbitration, prescribe rules of procedure for such arbitration boards, conduct investigations and hearings, publish reports and advertisements, and may do all other things convenient and necessary to accomplish the purposes directed in this act. The Commission shall designate a deputy to be known as Chief Mediator and may detail other deputies from time to time to act as assistants for the purpose of executing these provisions. The deputies may act on temporary boards without extra compensation."

During the two and one-half years covered by this report, twenty-six industrial disputes have been taken up under the provisions of the Industrial Commission Act. Some of the twenty-six industrial disputes involved only a single firm while others involved a number of firms, the number of firms in one case being almost one hundred. The number of employes involved also varied from only a few to approximately 9,000. In twenty-six disputes, more than 200 firms and approximately 35,000 employees were involved.

In all of the twenty-six industrial disputes taken up, the State officials sought to secure a settlement through mediation and in no case was arbitration undertaken.

Mediation resulted in a settlement in eleven of the twenty-six disputes. The eleven in which settlement was secured include all of the larger and more important of the twenty-six industrial disputes in which mediation was undertaken excepting those where the primary demand was for an eight-hour day.

Under the law mediation can be undertaken in an industrial dispute at any time that the Industrial Commission deems it advisable to undertake it, but in practice it is rather difficult to enter uninvited into a labor dispute. If mediation is begun without request, the employers may feel that if mediation had not been undertaken, the dispute would soon have

been settled upon their own terms, while on the other hand, the employees may feel that if mediation had not been undertaken they would soon have been able to enforce their full demands.

In cases of unusual importance, either by reason of numbers involved or where there is violence, or where the public is especially inconvenienced the Commission has undertaken mediation without request.

In several cases the striking employees have requested mediation and in almost as large a number the employers either directly or indirectly have made such a request. Each side rather hesitates to directly request mediation for the reason that their opponent may interpret this to indicate a weakness in the position they are trying to maintain.

In a few cases the request for mediation or the notification of an industrial dispute has come from the Mayor of the city or village in which the trouble is occurring. A request or notification from such a source as this places neither the employer nor the employees at an advantage, or at a disadvantage, as the official represents the third party vitally affected in industrial disputes — the public.

Mediation cannot bring about exact industrial justice, but probably no method of settling industrial disputes can more nearly approach justice if fairly and fearlessly carried out. Exact industrial justice would not take into consideration the demands of the employees or the proposals of employers, but would be determined after a full investigation and inquiry into cost of production, cost of maintaining a satisfactory standard of living, distribution of profits, and all other such matters. However, mediation as well as practically all other methods of securing settlements is confined on the one side by the employees' demands and on the other by the employers' proposals, or vice versa.

In mediating strikes in Ohio during the period covered by this report, the representatives have seldom been brought together in conference, but instead confidential conferences have been held first with one side and then with the other until the facts in the case were secured and a satisfactory basis of settlement determined upon by the mediators. Usually the final terms of settlement have come not as a proposal from either side, but as a proposal from the mediators with the definite understanding that unless it was accepted without change by both sides, the proposition would be withdrawn by the mediators and each side would be in exactly its former position. Mediation under this plan, does not disclose to either side either the weak points or the strong points in the position of the opposing side.

Mediation has a very marked influence in removing the bitterness which often occurs during, or even continues after, industrial disputes. Joint conferences, except in cases where the employees have been organized for a number of years and are accustomed to dealing with their employers through committees, are often productive of bitterness

and for that reason are seldom held by the mediators as has already been stated.

Mediation in Ohio has usually also materially reduced the duration of the industrial disputes and this has been a great financial saving to employers, to employes, and to the community. Thus, in the strikes in January, 1916, in the Youngstown Sheet and Tube Company's plants and the Republic Iron and Steel Company's plants, approximately 16,000 employes were idle, practically no work was being carried on in these plants, many other industries were affected, the state was under a very great expense in maintaining approximately 2,000 troops in Youngstown, East Youngstown, and vicinity, and the community was seriously inconvenienced. The total loss per day has been estimated at approximately \$150,000. The gain of a few days in the settlement of a strike of such magnitude means a financial saving sufficient to finance mediation for several decades. The reduction of time has been just as marked in some cases where the employes were thoroughly organized and notably so in the settlement of the strike of Electrical Workers in Cleveland in May, 1916.

Another marked benefit of mediation arises from the fact that violence is practically eliminated during the time negotiations for a settlement are under way by the mediators. In only one or two cases did personal violence occur when the State mediators were carrying on negotiations looking toward the settlement of an industrial dispute during the two and one-half years covered by this report. In this connection, the following telegram received by the Chief Mediator from one of the large employers of the State is significant. "Trouble extended today. Believe your early presence here will prevent disorder."

As the work has been carried on in Ohio, mediation is undertaken in only the most difficult disputes. If labor is well organized and the two sides are fairly evenly matched, mediation is seldom sought except where the conferences have resulted in a deadlock. In the majority of cases where mediation has been undertaken, the employes have been either altogether unorganized or very recently organized.

The present law, in the opinion of the Chief Mediator, requires no modification further than to provide that the Mayor or some other local official should notify the Industrial Commission of industrial disputes within the community over which he has authority.

On November 16, 1914, the Chief Statistician (Fred C. Croxton) who had been acting as Mediator since January, 1914, was appointed Chief Mediator by the Industrial Commission and since that date, he has carried the mediation work in connection with his other work in charge of the Department of Investigation and Statistics of the Industrial Commission. It has been necessary for the Chief Statistician and Chief Mediator to divide his time between the mediation of industrial disputes,

statistical work in connection with the analysis of industrial accidents and the collection and preparation of industrial statistics, the supervision of the seven Free Labor Exchanges of the State, the administration of the law regulating private labor agencies, and special investigations of industrial matters. The Chief Mediator gives approximately one-fourth of his time to mediation and he has taken part in the mediation of twenty of the twenty-six cases covered by this report.

George F. Miles and Walter J. Boesel have carried the work of Deputy Mediators during practically the whole period covered by this report. Mr. Miles is a Special Agent in the Department of Investigation and Statistics and devotes about one-third of his time to mediation. Mr. Boesel is a Statistical Clerk in the Department of Investigation and Statistics, and gives about one-fifth of his time to mediation. These two men have done splendid work and their valuable assistance has made possible the settlements in a number of cases. Considering the very difficult and trying nature of mediation work, the salaries of the deputies should be materially advanced. Mr. P. F. Casey, Traveling Auditor for the Industrial Commission rendered valuable aid in two industrial disputes.

During the two and one-half years covered by this report the total amount expended in connection with the mediation work, including proportionate parts of the salaries of the Chief Mediator and Deputy Mediators, traveling expenses, long distance telephone calls, and telegrams has not exceeded four thousand dollars (\$4,000). If, however, the work is to be handled to the best advantage more liberal appropriations will be required in the future.

A very brief statement concerning each industrial dispute in which mediation was undertaken follows this general discussion.

FRED C. CROXTON, *Chief Mediator.*

Columbus, Ohio, June 15, 1916.

THE SELBY SHOE COMPANY, PORTSMOUTH.

The first dispute taken up under the new law was the strike of the employes of the Selby Shoe Company of Portsmouth, Ohio. This strike began on December 5, 1913, and was caused by the discharge of two employes for absence from work without permission. Approximately 1,500 employes were out in the Selby plant and two other shoe plants were closed on account of the strike. The total number of employes out of work was approximately 4,000. Hon. Adam Frick, Mayor of Portsmouth, on January 6, 1914 appealed to the Industrial Commission to send a representative to investigate the strike and in response to his request, the Commission at once sent the Chief Statistician (Fred C. Croxton), and a settlement was secured on January 15, 1914. The terms of the agreement were as follows:

"1. All employes of the Selby Shoe Company shall be put to work as rapidly as work can be supplied. This shall not be construed to include J. E. Friend and Orlie Schlichter.

2. All employes now out of the factory who within ten days signify their desire to return to work shall within sixty days be assigned to the kind of work upon which they were engaged before the strike or upon work mutually agreeable.

3. The Selby Shoe Company shall be operated as an open shop and no employe shall be discriminated against by reason of his or her membership in a trade union or by reason of non-membership in a trade union.

4. Within thirty days after date The Industrial Commission of Ohio shall provide a plan for the adjustment of all differences arising in the plant of the Selby Shoe Company in the future from shop conditions. The plan provided shall include a provision for shop committees to be chosen by the employes and also that all differences concerning shop conditions which cannot be adjusted by the Selby Shoe Company and its employes or committees of such employes shall be referred to The Industrial Commission of Ohio and a reasonable time shall be given to such Commission for settling such difficulty by mediation or conciliation before the employes go out on strike or the employers lock out their employes."

Under the terms of this agreement work was immediately resumed and on February 14, the Commission submitted a plan for the adjustment of grievances, complaints, and differences as provided by section 4 of the settlement. This plan (a) was accepted both by employer and by employes and the various committees provided were chosen. On March

16, 1914, however, the Selby Shoe Company fearing another strike during the busy season gave their employees the following notice of abrogation by card to each employee:

"To the Employees of the Selby Shoe Company:

You will hereby take notice that the plan for the adjustment of grievances, complaints and differences arising from shop conditions in the factory of this company, adopted under the agreement of January 15, 1914, and now in force, will be abrogated, to be in effect after April 18th, A. D., 1914.

THE SELBY SHOE COMPANY,
By GEO. D. SELBY,
President."

The reverse side of the card contained an individual agreement which the employee was required to sign as follows:

"PORTSMOUTH, OHIO, 1914.

In pursuance of your notice contained on the reverse side hereof, I accept employment under the general conditions and prices now prevailing in the factory of The Selby Shoe Company, subject, of course, to the usual and ordinary adjustments that are always going on, and I agree not to engage in, or support in any way whatsoever any concerted action tending towards the interference with, or interruption of the operation of said factory during the coming season, so that if the factory prepares for, and starts into the season, it will finish it without interruption.

.....
Signature of employee."

Two other shoe manufacturing plants in Portsmouth at the same time required their employees to sign individual agreements. A notice accompanying the individual agreement card, stated among other things that "The present employees will be provided with blank agreements to be signed at once, and the owners will consider the position of any employee not returning agreement signed by March 25th, vacant not later than April 25th."

Following the distribution of these individual agreements, the employees in the plants of the Selby Shoe Company, The Irving Drew Shoe Company, and The Excelsior Shoe Company walked out on March 20th and the strike continued until June 5, 1914, when it was declared off by the United Shoe Workers' Local. No attempt was made to mediate this second strike.

FEDERAL GLASS COMPANY, COLUMBUS.

In the latter part of February, 1914, an effort was made to settle the labor trouble in the Federal Glass Company plant of Columbus. The demands were for an increased wage and recognition of the Union.

Approximately 240 employees had been on strike since midsummer of the previous year, and a total of some 700 had been more or less affected by the strike. No settlement could be secured.

STARK COUNTY TELEPHONE COMPANY, CANTON EXCHANGE.

This strike of the operating force in the Canton Exchange began on February 14, 1914, when 37 young women either walked out or remained away from work. A request for mediation was made by H. B. Keating, General Organizer, American Federation of Labor, J. A. Robinson, District Organizer, American Federation of Labor, and the President and fifteen members of Telephone Operators' Union No. 14626, A. F. of L.

Mediation began March 12th and continued until March 18th, and was again taken up on March 29th and a settlement secured on March 31st.

The strike was primarily due to the discharge of the Assistant Chief Operator, who was a member of the newly organized Operators' Local Union, and the striking employees construed her discharge to be a discrimination against the Union. The Company did object to the Assistant Chief Operator, who occupied an executive position, belonging to the Union, but was not actively opposing membership of operators.

No formal demands were made upon the Company by the striking employees, but their demands as stated at the time the Commission was called upon to mediate included the reinstatement of all employees on strike, an increase in wages, a better equipped rest room, certain changes in working conditions, and recognition of the Union.

The settlement secured provided for :—

1. Reinstatement within four months of all employees on strike.
2. Payment of the wage scale announced by the Telephone Company a few days before the strike began.
3. That all operators should be subject to the company's discipline.

The wage scale included an advance of 20 cents per day February 1st (already in effect for those who had not gone on strike), 5 cents per day April 1st, and 5 cents per day June 1st. This scale was practically as high as that demanded by the strikers. The most important changes in working conditions demanded were made while the strike was in progress.

RETAIL CLERKS, ZANESVILLE.

In May, 1914, the Retail Clerks of Zanesville made certain demands of their employers including a Thursday half holiday during the heated term, from the third Thursday of June until the second Thursday of September, and closing at five-thirty on Monday, Tuesday, Wednesday, Thursday, and Friday, and closing at nine on Saturday.

Some of the retail merchants signed an agreement to comply with the demands. Thirteen merchants refused to sign and a strike was to begin in those stores on June 1st. A few days before the date set for the strike the dispute was taken up and a settlement secured through mediation on May 29th.

The following agreement covering a period of three years was signed by the retail merchants and the Retail Clerks' Organization:

AGREEMENT.

This agreement, entered this day, by and between the RETAIL CLERKS' INTERNATIONAL PROTECTIVE ASSOCIATION, through its authorized agents as president, and as Secretary, of Local Number 32, Zanesville, Ohio, as parties of the first part, and whose place of business for the purpose of this agreement is located in the City of Zanesville, Ohio, parties of the second part. Witnesseth:

Article 1. The parties of the first part agree to devote their best endeavors and give to the parties of the second part their best services, providing the following articles of agreement are complied with by both parties:

Article 2. The parties of the second part agree to open their stores for business at 7.30 a. m. and close at 5.30 p. m. on the first five days of the week, commonly known as Monday, Tuesday, Wednesday, Thursday, and Friday, and on the sixth day, commonly known as Saturday, to open their stores for business at 7.30 a. m. and close at 9.00 p. m. Women employes to report for duty at 8.00 a. m. on any of the six working days, and to quit on Saturdays at 9.00 p. m. Men to report for duty at 7.30 a. m. on any of the six days, and work until 9.00 p. m. on Saturdays.

Article 3. The parties of the second part agree to grant to the parties of the first part the following legal holidays without a reduction of wage: New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day; also each Thursday from 12.00 o'clock, noon, beginning with the third Thursday in June and ending the second Thursday in September of each year. In return for above, all clerks shall work without extra pay six (6) nights preceding Christmas Day until 9.00 p. m. and when a legal holiday falls on Sunday, the following Monday will be observed.

Article 4. The parties of the second part agree that all salespeople shall have one hour for meals.

Article 5. The parties of the first part agree to loan to the parties of the second part a store-card (or cards) without cost; these cards to remain the property of the Retail Clerks' International Association, and will be removed upon violation of this agreement; the parties of the first part agree to enhance the value of these cards by visits from time to time to the various industrial organizations, and a liberal distribution of printed matter, advising the public where these cards are displayed.

Article 6. The parties of the second part agree that in return for the loan of store card mentioned above, and the faithful compliance of the members of Local 32 in distributing printed matter advertising the store card, that all employes who are eligible, are, or shall become members of Local 32, after thirty days' services.

Article 7. All complaints or grievances shall go to arbitration; the parties of the first part to select one, the parties of the second part to select one, and

should these be unable to agree, they shall select an umpire; the decision of this board shall be binding on both parties.

This agreement shall be in full force on this 1st day of June, 1914, and hold for three years. Either party thirty days prior to the expiration of this agreement may serve notice that a new agreement shall be presented. Should neither party do so, this agreement shall hold good each and every year thereafter.

IN WITNESS WHEREOF, The parties to this agreement have hereunto set their hands this day of, 1914.

.....
.....

Parties of the Second Part.

.....
.....

Parties of the First Part.

BUILDING CARPENTERS, CINCINNATI.

On May 1, 1914, the Carpenters of Cincinnati struck to enforce certain demands including the right to refuse to erect non-union made mill work and an advance in rate of wages. The principal difference of opinion between employers and employees, was with reference to right to refuse to erect non-union made mill work.

In July the State made a preliminary investigation of the strike conditions and offered its services to secure a settlement. Two or three conferences were held by the State Mediators, but settlement was reached by the parties immediately involved and not through mediation.

BUCKEYE ALUMINUM COMPANY, WOOSTER.

In June, 1914 the buffers and polishers employed by the Buckeye Aluminum Company demanded a minimum wage of 40 cents per hour for journeymen and \$2.75 per day for apprentices having served one year.

The three members of the committee which first presented these demands from the Local of the Metal Polishers, Buffers, Platers, Brass and Silver Workers' Union were discharged and later left the locality. A second committee of three was appointed by the Local and the members of this committee were discharged on August 22nd.

On September 14th, the Local of the striking employees wrote the Commission as follows:

WOOSTER, OHIO, Sept. 14, 1914.

State Board of Arbitration and Conciliation, Columbus, Ohio.

DEAR SIR:—The members of Wooster Local No. 66, Union of Metal Polishers, Buffers, Platers, Brass and Silver Workers Union of North America, desire that you send a representative to Wooster, and see if you can persuade The Buckeye Aluminum Company of Wooster, to arbitrate the trouble existing between them and our Union.

Mr. G. W. Blake the President and General Manager of the Company absolutely refuses to do anything—refuses to allow anyone to say a word for the Company, but says he is running the Aluminum Works himself, and refuses to

allow any citizen or number of citizens or authorities in Wooster to do or suggest anything to bring about a settlement.

If you have any power under the law to assist us and The Aluminum Co., to come to an understanding and settle this strike, we earnestly desire your aid. We are perfectly willing to submit all our claims to arbitration and abide thereby.

We enclose you a printed circular which will explain itself, and made a part of this application.

Very truly,

WOOSTER LOCAL UNION No. 66.

By CHAS. R. ACKERMAN, *Sec'y.*

The matter was at once taken up through mediation, but no settlement could be secured and the Company also refused to arbitrate.

CLAY WORKERS IN THE TORONTO AND EMPIRE DISTRICT, 1915.

About the middle of December, 1914, a number of brick and sewer pipe plants in the Toronto and Empire District posted notices stating in substance that owing to the industrial depression a general wage reduction of 25 cents per day would be made and if such reduction was not acceptable to the employes the plants would have to be closed down temporarily. Other plants which were closed offered to resume operations at the proposed reduced wage.

The employers felt that the employes at some of the plants tacitly agreed to work at the reduced rate as they remained at work from December 15th (the date the reduced rate became effective) until January 8, 1915, when a general walk-out occurred.

Following this walk-out some of the employers resumed operations at the former scale, but the Clay Workers' Local made additional demands and a general strike occurred on January 23rd.

On January 26th Hon. John C. Thomas, Mayor of Empire, notified The Industrial Commission of the strike and the matter was at once taken up by mediation. At this time one company had signed with the Union and the employes of the six other companies were on strike. The total number on strike was about one thousand and the demands were:

1. Payment of 1914 wage scale (approximately \$2 per day for unskilled workers) pending unionization of the Akron and Uhrichsville districts. (These two Ohio districts compete to some extent with the Toronto and Empire district).
2. No discrimination when men return to work.
3. A shop committee to consider grievances.
4. Deduct monthly dues from men's wages and turn same over to Union Committee.
5. If any non-union men were hired, the companies should not discourage efforts made to have these men join the Union.

During the mediation, the employers made an oral proposition to make no discrimination against union men and to restore the 1914 scale with \$2 per day as the wage for unskilled workers. One company had paid \$2.05 during 1914 but refused to restore that rate and would pay \$2 per day instead. On February 8th, the Union, voting by secret ballot, rejected this oral proposition by a vote of 505 to 217.

The mediation conferences were again resumed on February 11th and a settlement was secured on February 19th. The employers would not sign agreements with the Clay Workers' Local but both the employers and the Local signed agreements with The Industrial Commission. The agreements signed were as follows:

TORONTO, OHIO, February 19, 1915.

In settlement of the difficulty now existing in the brick, tile and sewer pipe plants of the Toronto and Empire district, the Employers hereby enter into the following agreement with the Industrial Commission of Ohio for the period of twelve months from date:

First—The Employers hereby agree to pay the same wage scale which was paid in this district during 1914.

Second—The Employers agree not to discriminate in employment or in assigning work against persons who were in their employ immediately preceding the strike nor against persons in their employ immediately preceding closing down in plants not in operation at the time the strike began.

FOR THE INDUSTRIAL COMMISSION OF OHIO.

FRED C. CROXTON,
Chief Mediator.
WALTER J. BOESEL,
Special Agent.

FOR THE EMPLOYERS.

J. B. NICHOLSON, Gen. Manager,
THE TORONTO FIRE CLAY CO.
THE STRATTON FIRE CLAY CO.,
C. M. STRATTON, *Pres.*
THE MINOR FIRE BRICK CO.,
E. S. MINOR, *Vice Pres.*
UNION CLAY MFG. CO.,
GEO. M. MYERS, *Sec'y.*
AMERICAN SEWER PIPE CO.,
W. R. FRANCEY.
STANDARD FIREBRICK CO.,
C. A. BALLANTYNE.

TORONTO, OHIO, February 19, 1915.

In settlement of the difficulty now existing in the brick, tile, and sewer pipe plants of the Toronto and Empire district, Clay Workers Union No. 14,778 hereby enters into the following agreement with the Industrial Commission of Ohio:

First—The Employees shall work for the same wage scale paid in this district during 1914.

Second—This agreement shall cover the period of twelve months from date.

In accepting this agreement it is understood that there shall be no discrimination in employment or in assigning work against persons in the employ of the companies in this district immediately preceding the strike, nor against persons in their employ immediately preceding closing down in plants not in operation at the time the strike began. It is also further understood that in event of any mis-

understanding or difference arising, during the life of this agreement, between the employes and the employers in this district, the Industrial Commission of Ohio will use its good offices for the purpose of securing an adjustment.

FOR THE INDUSTRIAL COMMISSION OF OHIO.

FRED C. CROXTON,
Chief Mediator.
WALTER J. BOESEL,
Special Agent.

FOR CLAY WORKERS UNION
No. 14.778.

ROBERT J. MURRAY,
President of Local.
ROBERT F. JOHNSON,
JOSEPH C. PECKENS,
JOSEPH ROMY,
MONT KEEBEN,
HERBERT CONNOR,
JAMES J. WHITE, *Secretary.*

During the year covered by the agreements, the mediators were called upon once by an employer and twice by the Clay Workers' Local to adjust differences arising under the settlement and all of these were settled without serious difficulty.

THE NEW GORDON FAMILY THEATRE, MIDDLETOWN.

In January, 1915, Mr. William Gordon, manager and proprietor of the New Gordon Family Theatre, wrote The Industrial Commission with reference to a dispute with the Stage Employes' Union over the employment by Mr. Gordon of a moving picture machine operator. The difficulty which proved to be a dispute between the Stage Employes' Union and the machine operator was at once taken up and settled through mediation.

SORG PAPER COMPANY, MIDDLETOWN.

Following the organization of a Paper Makers' Union in Middletown, the Sorg Paper Company discharged the president of the Local. The company claimed that he was discharged for careless work and that they did not know that he was a member of the Union, but following a conference with an official of the company, the three members of the Union committee who asked to have the president reinstated, were discharged.

Following the discharge of the members of the committee, the Local voted to strike and about 17 men quit work. During the period from November, 1914, to February 15, 1915, the striking employes sought conferences with the company officials. In the latter part of February, 1915, the matter was taken up through mediation at the request of the striking workmen, but a settlement could not be secured.

FOUNDRY WORKERS, HAMILTON.

In the fall of 1915, a general strike of molders involved practically all of the plants in Hamilton. In November, 1915, in response to a letter

of inquiry from one of the firms involved, an attempt was made to settle the difficulty through mediation.

At that time some of the companies had satisfactorily settled their difficulties, but approximately 275 molders and apprentices employed by four foundries were still on strike. The most important demands were:—

1. A standing committee on grievances.
2. A more satisfactory method of adjusting piece-work prices.
3. No discrimination against those on strike.

It was impossible to satisfactorily adjust the third demand and no settlement of the strike could be secured through mediation.

THE DUNLAP ENGINEERING COMPANY, COLUMBUS.

In November, 1915, 60 machinists employed at the Dunlap Engineering Company were locked out after they had presented to the company for their approval, an agreement calling for an increase in wages, also a reduction in hours with an extra rate for overtime.

The company started up their plant again in a few days offering a slight increase in wages but with no reduction in hours. An attempt was made to secure a settlement by mediation, but it did not prove successful.

MACHINISTS, CINCINNATI.

In November, 1915, an attempt was made to settle through mediation the strike of machinists in the machine tool plants of Cincinnati. At that time approximately 2,500 machinists employed in some 30 plants were on strike. The principal demand and the one upon which the whole fight centered was for an eight hour day which meant a reduction of 4½ hours per week. No settlement could be secured through mediation.

THEODOR KUNDTZ PLANT, CLEVELAND.

This strike in the plant of Theodor Kundtz began on October 25, 1915. About 2,000 employes were involved and the plant was practically closed. The original demands were:

1. That the wages of all day workers be increased two and one-half cents per hour.
2. That all piece workers be granted an increase of ten per cent in wages.
3. That women workers be paid the same rate of wages as the men.
4. That no more women be employed.
5. That overtime be paid for at the rate of time and one-half.
6. That one of the foremen be discharged.
7. That no discrimination be shown toward any of the men for participation in the strike.

The company on November 13th made the following offer to the strikers:—

1. To raise the minimum wages of men from \$1.50 to \$1.75 per day.
2. An advance of 25 cents per day for men receiving \$1.50, \$1.62½ and \$1.75 per day and an advance of 12½ cents per day to men receiving \$1.87½ per day.
3. To take up all other demands for an advance in pay as each individual may apply for a raise after returning to work in accordance with the wage raising system in force in the plant. In order to assure a prompt and fair adjustment of all such claims and other demands or complaints, the men will apply, in the future, directly to the management and not to the foreman.
4. Time and one-half for overtime.
5. No man's wages to be reduced when he is transferred from one department to another.
6. No women to be employed in the down-town shops.
7. No discrimination to be shown against anyone for the part taken in the strike.

This proposition was rejected by the strikers, as was also an offer made by the company through a committee representing a number of Hungarian Societies. This second offer included an advance of one-half cent per hour for employees making \$2 per day or over.

The matter was then taken up and a settlement secured through mediation on December 4th. The settlement included in addition to the advances and changes proposed by the company on November 13th, an advance of 12½ cents per day for all day workers earning \$2 or more per day as soon as they returned to work.

YOUNGSTOWN SHEET AND TUBE COMPANY, EAST YOUNGSTOWN.

On Tuesday, January 4, 1916, a strike began on the threading floor of the tube mill of the Youngstown Sheet and Tube Company. The strike was begun by about 70 pipe cutters who made no demands at that time. It later developed that this particular group of workmen was seeking a restoration of their rate of pay to the same basis which existed before a reduction made in January, 1915, which change was due, according to the company's statement to "change of machinery and rearrangement of the floor."

A committee of the striking employees sought a conference with the superintendent of the Tube Mill on Wednesday afternoon, and asked for a restoration of the rate previous to the reduction 12 months before. After conferring with higher officials of the company, the superintendent told the committee of strikers that they could not advance them at present but would do so if a general advance was made in the Valley (Mahoning Valley), but the committee was not led to believe that there was any probability of a general advance in the Valley.

The strike extended gradually on Wednesday although comparatively few came out on that day. On Thursday the strike extended rapidly and

the night shift on Thursday were unable to get into the plant and the plant employing approximately 9,000 men was closed down by the day shift which was held over. On Thursday evening several hundred striking employes of the Republic Iron and Steel Company went to the Youngstown Sheet and Tube Company's plant. Part of these visiting strikers went to the Poland Avenue entrance and part to the East Youngstown entrance.

On Friday the Youngstown Sheet and Tube Company plant was closed. On Friday morning the company posted the following notice:

"We have decided, effective as of January 1, 1916, to advance common labor from 19½ cents to 22 cents per hour and other rates will be equitably adjusted.

THE YOUNGSTOWN SHEET AND TUBE CO.,
J. A. CAMPBELL, *Pres.*"

This notice and also similar notices from other steel companies in Youngstown and vicinity were published in the afternoon papers. The notice of these advances had no appreciable effect upon the striking employes. Friday evening rioting began in East Youngstown and continued for several hours. Three or four persons were fatally wounded, more than a score, more or less seriously injured, and property in the city of East Youngstown variously estimated as worth \$500,000 to \$1,000,000 destroyed.

In response to a request from Mayor Cunningham of East Youngstown approximately 2,000 State Troops were sent to East Youngstown, Youngstown and vicinity. The first companies arrived on Saturday forenoon. During Saturday and Sunday between two hundred and three hundred persons were arrested for looting, firing buildings, destroying property, rioting, etc.

No request from any source was made for mediation by state officials, but on Saturday forenoon, The Industrial Commission authorized the Chief Mediator and two Deputy Mediators to go at once to Youngstown.

A very difficult task confronted the mediators when they reached Youngstown at midnight on Saturday.

1. The employes of the Youngstown Sheet and Tube Company were unorganized and in no way affiliated with the American Federation of Labor or other organizations.

2. Aside from the demands presented by the pipe cutters in the tube mill, no demands had been presented although there was a persistent demand for higher wages particularly from the unskilled workers who had been receiving 19½ cents per hour and now demanded 25 cents per hour.

3. It was almost impossible to get into touch with strike leaders for the reason that all strikers hesitated to give information for fear of being arrested for some connection with the rioting and looting.

After persistent effort, a committee of strikers was secured after meeting the strikers in mass meeting. Conferences began with the of-

officials of the company on Sunday and were continued first with the representatives of one side and then with representatives of the other side until a settlement was secured at about seven o'clock Tuesday evening. The employees began to return to work on Wednesday morning and went back as rapidly as the work could be arranged.

A number of demands were made by the strikers and the settlement was on the following basis:

1. That the pipe cutters (practically all working on the piece basis) should be granted an increase in wages of ten per cent and that this increase would fully restore their 1914 wage rate.
2. That when cutting special sizes on a day-work basis, or in case their machine was down for repairs and they were assigned to other work, they should be paid 25 cents per hour. That if at any time working at common labor, they should be paid 22 cents per hour.
3. That the amount earned as well as the number of pieces cut be entered upon employees' time slip.
4. That the rates paid for piece-work should be posted on each floor, in order that the employees may see just what they are to be paid for each size of pipe.
5. That if the strikers returned to work at once, or as soon as their work was ready for them, they would participate in the bonus for the previous year to be paid to all employees who had been in the employ of the company since July 1, 1915.
6. That as soon as the rates could be figured out a notice would be posted announcing the rates to be paid piece-workers and skilled men showing what was meant by "equitable adjustment" in the notice of wage advance posted by the company.

REPUBLIC IRON AND STEEL COMPANY, YOUNGSTOWN.

About December 23, 1915, approximately 300 tube workers in the Republic Iron and Steel Company's plant requested that their piece rate be restored to the same basis as before the reduction early in 1915. These employees did not strike at that time and the company restored the old rate which was accepted December 27th.

On Monday night (December 27th) about 250 laborers in the tube works made a demand of their foreman for 25 cents per hour. These laborers walked out and on the following Thursday a committee of the men made formal demand on the foreman of the tube works for 25 cents per hour, time and one-half for overtime, and double time for Sunday.

During the evening of January 1, 1916, approximately 150 laborers walked out at the Hazelton Blast furnace, but upon solicitation of the superintendent and foremen, returned a few hours later. The next morning the superintendent promised to take up with higher officials the demand for increased wages and the men agreed to work until the following Thursday.

Fifty or sixty men on new construction walked out without making any demands on Monday afternoon, January 3rd. Tuesday night the number striking increased rapidly and within two days the plant employing approximately 7,000 employes, was practically closed excepting the Hannah Furnaces. The company made public the following notice on Friday, January 7th.

"Effective from January 1st, the common labor rate will be increased from 19½ cents to 22 cents per hour. Other rates will be adjusted in an equitable manner.

REPUBLIC IRON & STEEL CO.,
T. J. BRAY, *Pres.*"

The State Mediators took up the settlement of the Republic Iron and Steel Company strike at the same time they were engaged on the strike of the Youngstown Sheet and Tube Company, although conferences did not begin until Monday, January 10th. The demands at that time were for 25 cents per hour for unskilled workers, time and one-half for overtime and double time for Sundays and holidays. Several trades in the plant were organized and affiliated with the American Federation of Labor. There had been practically no violence of any kind resulting from the strike. The strike committee had been received in conference by the higher officials of the company. The skilled crafts were preparing to make certain demands but these had not been entirely formulated at the time mediation began.

The mediators held a number of conferences with the general strike committee and labor leaders and with the officials of the Republic Iron and Steel Company. They also arranged for further meetings between the strike committee and the company officials. A settlement was secured and ratified by a mass meeting of the strikers on Thursday morning, January 13th. The terms were as follows:

1. That the wages for common labor should be 22 cents per hour, as announced by the Company on January 7th.
2. That the wages of all other employes be raised ten per cent, the exact rate to be posted up as soon as possible.
3. That the company will receive committees of their own employes from any department to adjust any dispute which may arise in the department.

STONER RESTAURANT BOYCOTT, CLEVELAND.

Early in November, 1915, the Business Agent of the Waitresses' Union, demanded of Mr. H. H. Stoner, that he unionize his two restaurants on East 4th Street, Cleveland. Mr. Stoner stated that if his waitresses were not already members of the Union, he had no objection to their being talked to concerning the subject.

At a conference between the Union official and the waitresses, a number of the employes refused to join the Union. The proprietor refused to discharge the employes who would not consent to join the Waitresses' Union and a boycott was placed against the two restaurants on November 11, 1915.

Pickets were placed outside the restaurants and there were a number of arrests for assault during the eleven weeks the boycott was continued.

On January 12, 1916, the attention of The Industrial Commission was called to the trouble by the attorney for the proprietor. The matter was at once taken up by mediation and after a number of conferences, a settlement was secured on January 29th. The settlement provided that the waitresses should join the Union by March 15th.

CLAY WORKERS IN THE TORONTO AND EMPIRE DISTRICT, 1916.

The agreement entered into on February 19, 1915, by the United Clay Workers' Local and by the Brick, Tile and Sewer Pipe Manufacturers with The Industrial Commission of Ohio covered one year. A short time before this agreement expired the officials of the Local sought conferences with the employers in order to take up their demands for the next year. They were not successful in arranging conferences and, therefore, telegraphed The Industrial Commission requesting mediation.

In order to prevent a walk-out, the mediators at once went to Toronto and conferred with employers and employes. At the request of the mediators, the committee of the Local agreed to do everything in their power to keep the men at work pending negotiations looking toward a settlement of the difficulty. The employers also agreed not to lockout their employes pending negotiation.

The employers refused to meet with a committee from the Union and also did not want to take up negotiations with committees from their own plant.

The Local was particularly anxious to secure recognition of the Union.

The demands were as follows:

1. An advance in wages according to a detailed list submitted. (This provided for an advance for approximately 800 of the 1,200 employes. The advance for unskilled labor, which included approximately one-half of the working force, was from \$2.00 to \$2.10 per day.)
2. That the employers take up all grievances with the Shop Committee.
3. Full recognition of the right of the employes to organize and a check-off system for the collection of initiation fees and dues.
4. No discrimination in assigning work or against employes for activity in the Union.

After a series of conferences, a settlement was secured which provided that each of the employers should post the following notice:

"NOTICE."

"To our Employees:

Beginning on March 1, 1916, and until March 1, 1917, we will pay the following wages:

To all adult common labor, \$2.15 per day of 10 hours.

To all other labor, both time-workers and piece-workers, we will make an advance of 15 cents per day each.

No employe will be discriminated against by reason of membership or non-membership in any organization.

Any employe having a grievance may present the matter to the office of the company where it will be given due consideration."

This was accepted by the strike committee of the Clay Workers and later, on February 24th, ratified by the Clay Workers' Local in mass meeting. No agreement in writing could be secured. The settlement, it will be noted, did not provide for recognition of the Union but it gave a greater increase in wages than was included in the original demands.

About two months after the settlement, difficulties developed concerning the employment of a few non-union men in one or two plants. These differences were adjusted by state officials, but the latter part of May demands were made for an increase of 25 cents per day for all employes in all plants and at the present time (June 12th) a strike to enforce that demand is still on.

QUARRYMEN, AMHERST.

Early in April, 1916, the men employed in the Amherst quarries of the Cleveland Stone Company and of the Ohio Quarries Company, walked out to enforce their demands for higher wages. Approximately 700 employes, who were without organization of any kind, were out and during the continuance of the strike, a number of these secured work in Lorain, Elyria, and elsewhere.

Beginning on April 4th, several conferences were held by the state mediators with officials of the companies and with representatives of the men, but no settlement could be secured at that time.

COLUMBUS DIE, TOOL AND MACHINE CO., COLUMBUS.

April 1, 1916 about 90 machinists working at the Columbus Die, Tool and Machine Company, were locked out after they had presented to the company for their approval an agreement calling for an increase in wages, also an eight hour day with an extra rate for overtime.

An attempt was made to secure a settlement by mediation, but it did not prove successful.

CORDAGE WORKERS, XENIA.

The strike of the cordage workers in Xenia for higher wages, began late on Thursday, April 21, 1916. The next morning all employes were out in two plants of The Hooven & Allison Company and by afternoon, the third plant of that company was closed.

On the following Monday, the men in the Cordage Plant of the R. A. Kelley Company, also struck. Approximately 800 employes were involved in the strike and they were entirely without organization along trade union lines.

The Hooven & Allison Company, on Wednesday (the day preceding the strike) posted a notice that a bonus of 60 cents per week would be paid to all working without loss of any time during the week. On Thursday a demand was made for a very decided increase in wages. In conference with a committee of its employes, the company agreed to give a straight advance of 10 cents per day instead of the bonus. The committee would not accept this proposition, but demanded a minimum rate of 15 cents per hour and an increase of approximately $2\frac{1}{2}$ cents per hour for all day workers receiving less than 20 cents per hour which included a large part of the force.

On Monday, April 24th, the strike was taken up by the State Mediators and after a number of conferences, a settlement was secured on April 27th. The agreement for each of the companies was signed by an official of the company and by the members of the strike committee. These plants operate 54 hours per week, but their wage rates are carried on a 60-hour week basis.

The terms of the agreement are stated below :

"The Hooven & Allison Company will make the following change in rates of wages, beginning April 28, 1916.

<i>Old rate per week of 60 hours.</i>		<i>New rate per week of 60 hours.</i>
\$8 40	.....	\$9 00
9 00	.....	10 20
9 50	.....	10 75
9 60	.....	10 75
10 00	.....	11 00
10 50	.....	11 25
11 00	.....	5 per cent increase
11 50	.....	5 per cent increase
12 00	.....	5 per cent increase
12 50	.....	5 per cent increase
13 00	.....	5 per cent increase
13 50	.....	5 per cent increase
Piece workers	.....	5 per cent increase
Women working at time rates, 1 cent per hour increase.		

THE HOOVEN & ALLISON COMPANY."

"The R. A. Kelly Co., Cordage Department will make the following change in rates of wages beginning April 28, 1916:

<i>Old rate per week of 60 hours.</i>	<i>New rate per week of 60 hours.</i>
\$8 40 or less.....	\$9 00
9 00	10 20
9 50	10 75
10 00	11 00
10 50	11 25
11 00	5 per cent increase
11 50	5 per cent increase
12 00	5 per cent increase
12 50	5 per cent increase
13 00	5 per cent increase
13 50	5 per cent increase
Piece workers	5 per cent increase except for binder twine for which the rate will be increased to equal rate paid by the Hooven & Allison Company.

Women working at time rates, 1 cent per hour increase.

No member of the Strike Committee will be discriminated against by reason of his participation in the strike.

THE R. A. KELLY COMPANY."

WEBSTER MANUFACTURING COMPANY, TIFFIN.

In the latter part of April, 1916, an effort was made to settle through mediation the strike of molders in the Webster Manufacturing Company. This strike had been on for about one month and approximately 125 molders, coremakers, helpers, and laborers were out. The demands were for a minimum wage rate of \$3.50 per day of 9 hours for molder and coremakers effective April 15, 1916. The company offered an increase in wages of 10 cents per day at once and 15 cents per day July 1, 1916, but would not meet the full demands of the men.

Nothing could be accomplished by the mediators at the time they were there except to arrange for a further conference between the strike committee and the officials of the company.

ELECTRICAL WORKERS, CLEVELAND.

The Electrical Workers of Cleveland struck on May 1, 1916 to enforce their demands for six dollars per day and double time for all overtime work. During the first few days of the strike several of the electrical contractors agreed to the advanced rate, but a large majority of the contractors did not sign and the industry was practically tied up. But little progress was being made in the conferences between committees from the Electrical Workers and the Electrical Contractors and,

therefore, the State Mediators began negotiation on May 5th and secured a settlement on May 8th.

The settlement provided for a minimum wage of \$5.60 from May 1st to August 1, 1916; \$5.80 from August 1, 1916 to May 1, 1917, and \$6.00 from May 1, 1917 to May 1, 1918, and for double time after four-thirty on Saturday and after six-thirty on other week days. The agreement follows:

WORKING AGREEMENT.

ELECTRICAL WORKERS UNION No. 38 I. B. E. W.

THIS AGREEMENT made this day of, 1916, by and between, hereinafter called the party of the first part, and the members of I. B. E. W., Local No. 38, parties of the second part, WITNESSETH:—

ARTICLE 1. This agreement shall remain in force from May 1st, 1916, until the first day of May, 1918, and shall cover all electrical work done by the party of the first part, in Cuyahoga County. Any new scale for 1918 shall be agreed upon between the parties to this agreement by March 1st, 1918.

ARTICLE 2. Eight hours shall constitute one day's work. All labor over eight hours a day shall be paid for at the rate of time and one-half, for all time on the job, to 6.30 p. m. of the same day and for Saturday afternoons to 4.30 p. m. For all time from 6.30 p. m. on and up to the regular morning starting hour of the next day shall be paid for at the rate of double time for each hour's work and double time for all Sundays and Legal Holidays. All men shall be ready to commence work at the regular hours for starting work which shall be from 8.00 a. m. to 12.00 m. and from 12.30 p. m. to 4.30 p. m. When workmen are required to report at the shop, they shall report not later than 7.45 a. m. and shall be ready to receive orders or supplies. Failure to comply with this article shall result in reduction in pay for time lost and if men are instructed to report at the shops for work and are not sent on a job they shall be paid for two hours' time.

ARTICLE 3. The following days shall be considered by both parties as Legal Holidays and parties of the second part, when required to work, shall be allowed double time: Decoration, Fourth of July, Labor Day, Thanksgiving, Christmas and New Years.

ARTICLE 4. The wages to be paid journeymen from May 1st, 1916 to August 1st, 1916 shall not be less than 70 cents per hour; from August 1st, 1916 to May 1st, 1917 shall not be less than 72½ cents per hour and from May 1st, 1917 to May 1st, 1918 shall not be less than 75 cents per hour.

ARTICLE 5. The help employed by the party of the first part shall be divided into two classes: Journeymen and apprentices. Party of the first part shall have the right to employ one first year apprentice if employing four men, on an average, during the year. The apprentice is to be selected by the party of the first part and shall be on probation for a period of one year, at the expiration of which time, he may become a member of Local No. 38. If the apprentice first selected by the party of the first part shall not prove satisfactory he may select other apprentices until satisfied but shall not employ more than one first year apprentice at any one time.

ARTICLE 6. The wages and hours of the first year apprentices shall be mutually agreed upon between the party of the first part and the apprentice. The wages of the second year apprentice shall be 30 cents per hour; the third year apprentice

40 cents per hour and the fourth year apprentice 50 cents per hour. No apprentice of any grade shall work on any job alone.

ARTICLE 7. It is agreed by and between the parties that the regulation of the number of apprentices employed by the party of the first part shall be determined and regulated by the CONFERENCE BOARD and in no case shall be less than one apprentice to each two journeymen.

ARTICLE 8. All carfare other than that to reach the job or shop within the limits of five-cent carfare and return to his residence shall be paid by the party of the first part, either in cash or car tickets, at their option. All parties of the second part working on jobs beyond the present limits of five-cent fare shall take car going to or returning from work, which arrives at the present limits of five-cent fare as near eight a. m. or four-thirty p. m. as car schedule will permit. When parties of the second part are required to take transportation before the hour of seven-forty-five a. m. to reach the job, he shall be paid for at the rate of time and one-half for all time preceding seven-forty-five a. m.

ARTICLE 9. No party of the second part shall enter into an agreement to perform or do any class of electrical construction work until he has first withdrawn from Local No. 38 I. B. E. W. If any party of the second part is without employment and shall find a job of work to be done, he shall report same to any party of the first part, who will give the party of the second part opportunity for employment on this job.

ARTICLE 10. The party of the first part shall have the right to appoint two members to the Examining Board of Local No. 38. These two members shall be notified by Local No. 38, at least three days in advance, of the time and place of meeting of Examining Board.

ARTICLE 11. The parties of the second part shall receive their pay once each week in cash.

ARTICLE 12. No employer of labor for the installation of electrical work shall be given any better terms or conditions regarding hours of labor, wages per hour, etc., by parties of the second part than are given to the parties of the first part.

ARTICLE 13. The party of the first part employing members of Local No. 38, parties of the second part, on work outside of Cuyahoga County, shall pay the suburban car, railroad or boat fare and all expenses for room and board.

ARTICLE 14. It is mutually agreed by the parties of this agreement that both parties to this agreement shall enforce the articles contained herein May 1st, 1916.

ARTICLE 15. There shall be a Conference Board consisting of three members of Local No. 38, and three parties of the first part. This Conference Board shall meet at least once each month or at call of their Chairman. All complaints by employer or employe, or covering labor conditions must be submitted to the board in writing. The Conference Board shall also work out and put into effect rules governing extra compensation to foremen. Rules and regulations to govern the Board's transactions shall be made by the parties thereof.

ARTICLE 16. It is agreed by and between both parties to this agreement that they are in a large measure responsible to the public and every effort should be made for a proper and safe installation of all work and that it conform to the rules and regulations of all laws governing same.

ARTICLE 17. The party of the first part hereby agrees to carry Liability Insurance as provided for by the State Compensation Act for all members of Local No. 38 in the employ of the party of the first part.

ARTICLE 18. It is agreed by the party of the second part that all tools as contained in the attached lists shall be purchased and shall at all times be in possession of the members of the parties of the second part respectively.

ARTICLE 19. It is agreed by and between both parties to this agreement that the so-called "Working Rules" or "By-Laws" for the government of Local No. 38 shall not in any sense conflict with any article of the above agreement.

.....

Party of the First Part.

.....

Party of the Second Part.

MACHINISTS, ELECTRICIANS, ENGINEERS, AND RUBBER WORKERS, YOUNGSTOWN.

In May, 1916, the State Mediators, in response to a request from Hon. Carroll Thornton, Mayor of Youngstown, undertook to bring about a settlement of the labor difficulties involving the machinists, electricians, engineers, and rubber workers in Youngstown. The rubber workers were virtually locked out; in the other establishments the difficulties were due to strikes. The trouble began on April 28th, but the strike in the majority of the plants, came on May 1st. The demands varied somewhat, but in general, they were for an 8-hour day without reduction of daily pay, for the establishment of a minimum rate in some trades, for time and one-half for overtime with double time on Sundays and holidays, and for the adoption of certain rules relative to a reduction in working force or in working hours during periods of industrial depression. In one plant already on an 8 hour basis, the principal demand was for an increase in wages.

Approximately 4,500 employes were out and the companies affected by the strikes and lockout were:

Republic Rubber Co.
 General Fireproofing Co.
 Wm. Tod Co.
 United Engineering and Foundry Co.
 Trussed Concrete Steel Co.
 Automatic Sprinkler Co.
 McKay Machine Co.
 Youngstown Engineering Co.
 Youngstown Foundry and Machine Co.

The Youngstown Iron and Steel Company was also affected in a very small way and it was the only one of the steel companies affected excepting that a very few Union engineers had either struck or had been discharged by the Youngstown Sheet and Tube Company.

The State Mediators began conferences on May 11th and continued until May 16th. The employers generally were willing to grant some wage increase, but would not reduce the working hours, while on the other hand the employes were insistent in their demands for an 8-hour day and would not accept simply an increased wage. No settlement could be secured.

McCASKEY REGISTER COMPANY, ALLIANCE.

On Sunday, May 7th, the young women employed in Department No. 8 of the McCaskey Register Company held a mass meeting to consider making demands for higher wages. Some 40 girls who attended this mass meeting were discharged by the company the next morning. During the day the other girls working in that department walked out and the next morning the men in the department quit. The total number out was approximately 85 girls and 15 men.

The demands of the employes signed by the strike committee were as follows:

ALLIANCE, OHIO,

The McCaskey Register Company: —

We, the employes of the McCaskey Register Company respectfully present this petition for your consideration and judgment.

First. We, the employes, request in addition to the condition now existing, a general increase of 6 cents on the hourly rate for all girls employed in Dept. No. 8 and a 20 per cent increase for all men employed by the McCaskey Register Co. in Department No. 8 or any other employes who become affiliated with this organization from any other department of the McCaskey Register Company.

Second. We also request the discontinuance of piece work and a flat hourly rate with the aforesaid increase of 6 cents on the hourly rate.

Third. There shall be no discrimination against any employe or employes, acting on a committee representing the balance of the employes.

Fourth. These conditions to stand for one year from date. Either party wishing to change at end of said time must give other party thirty days' notice.

The strike committee was not able to secure a conference with the officials of the company and on May 13th they wrote The Industrial Commission asking that a representative be sent to Alliance. The State Mediators reached Alliance on the evening of the 16th and immediately entered into a conference with the employes.

The principal grievance was the very low wage received by girls on the day-work basis for whom they demanded a raise of 6 cents per hour.

On May 17th two conferences were held with officials of The McCaskey Register Company and the matter was gone over fully but the company declined to enter into settlement negotiations through the State Mediators. The mediators furnished a statement of such refusal to the strikers who had requested state mediation and also to the press and then withdrew.

From information received later the young women who were on strike received an advance of three cents per hour and were all taken back on May 25th.

TRANSUE & WILLIAMS COMPANY, STAMPING DEPARTMENT, ALLIANCE.

The labor trouble in this plant began on May 1, 1916, when approximately 40 men in the die and finishing department were locked out. On May 2nd the men in the press and tin department walked out.

The demands were for a 20 per cent increase in wages, time and one-half for overtime with double time for Sundays and holidays, also for regulation of the apprentice system, and adoption of rules regulating reduction in working force or in working hours during periods of industrial depression.

The strike committee held one or two meetings with officials of the company, but without progress. On May 26th, the strike committee requested mediation and the State Mediators went to Alliance, but could not secure a settlement.

BUCKEYE TWIST DRILL COMPANY, ALLIANCE.

On May 1, 1916, the employes of the Buckeye Twist Drill Company made demands for a 30 per cent increase in wages; an 8-hour day effective May 15, 1916; time and one-half for overtime, and double time for Sundays and holidays.

The employers refused to grant these demands and the following day locked out their men.

The strike committee requested mediation on May 26th, but a settlement could not be secured by the State Mediators.

APPENDIX

(31)

**PLAN FOR ADJUSTMENT OF
GRIEVANCES, COMPLAINTS AND
DIFFERENCES ARISING IN**

**THE
SELBY SHOE
COMPANY'S
PLANT**

PORTSMOUTH, OHIO

**THIS PLAN WAS PREPARED BY THE
INDUSTRIAL COMMISSION OF OHIO AS
PROVIDED BY SECTION 4 OF THE STRIKE
SETTLEMENT OF JANUARY 15, 1914**

FEBRUARY 14, 1914

To the Selby Shoe Company and the Employees of that Company:

Section 4 of the strike settlement of January 15, 1914, reads as follows:

"Within thirty days after date The Industrial Commission of Ohio shall provide a plan for adjustment of all differences arising in the plant of The Selby Shoe Company in the future from shop conditions. The plan provided shall include a provision for shop Committees to be chosen by the employees and also that all differences concerning shop conditions, which cannot be adjusted by The Selby Shoe Company and its employees or committees of such employees, shall be referred to The Industrial Commission of Ohio and a reasonable time shall be given to such Commission for settling such difficulty by mediation or conciliation before the employees go out on strike or the employers lock out their employees."

Complying with the requirements of Section 4 The Industrial Commission has provided the following plan for the adjustment of any differences arising in the future in The Selby Shoe Company's plant from shop conditions. The plan is first briefly summarized and then presented in detail.

GENERAL SUMMARY.

Shop Conditions. Shop conditions, as the term is here used, shall not be construed to include questions arising relating to the fixing of prices and hours of labor and the establishment of a union or of a non-union shop.

Department Committees. The plan provides for two types of committees of employees. First. A Department Committee for each of the Departments enumerated in the detailed plan. Each of the Department Committees shall be composed of five members elected by ballot of employees of the Department sixteen years of age or over. The period of service on such committee shall be six months, excepting that of the five chosen at the first election two shall serve three months.

Each Department Committee shall handle grievances, complaints, and differences involving employees of that particular department.

Grievances, complaints, and differences involving employees of two, three, or four departments shall be handled by a joint committee composed of the committees for each of those departments.

General Shop Committee. Second. A General Shop Committee, consisting of the chairmen of the several department committees, excepting the committee of the office force. The General Shop Committee shall handle grievances, complaints, and differences involving all employees of the plant, or some employees in all departments.

Any grievance, complaint, or difference involving employes of five or more departments, but not all departments of the plant shall be handled by a Sub-committee of the General Shop Committee. Such sub-committee shall consist of the chairmen of the committees of the departments involved.

Election. The first regular election shall be held in the plant of The Selby Shoe Company on March 3, 1914. Subsequent regular elections shall be held in the plant of The Selby Shoe Company every three months. No foreman or other executive of the company shall be present in the Department during the election hour.

Electors. Every employe of The Selby Shoe Company sixteen years of age or over, excepting sub-foremen, foremen, and others in executive positions, may vote for members of his or her Department Committee.

Eligible to Committee Membership. Every employe of The Selby Shoe Company eighteen years of age or over, excepting subforemen, foremen, and others in executive positions, is eligible for election to membership on his or her Department Committee.

Judges of Election. Judges of election for each department shall be selected by The Industrial Commission of Ohio for the first election and by the Department Committee for subsequent elections.

Grievances. Grievances, complaints, and differences may be taken up for adjustment either by the employe or employes involved, or through the proper committee. They shall be taken up in the first instance with the foreman or other executive in immediate charge. If satisfactory adjustment cannot be secured within three days (not including Sundays and holidays) the matter can then be taken up with the Superintendent of the Department, the General Superintendent of the Company, and the President of the Company in the order named allowing three days (not including Sundays and holidays) for consideration by each before taking the matter up with the official next higher.

Or if the matter cannot be satisfactorily adjusted with the foreman or other executive in immediate charge within three days (not including Sundays and holidays) it can be taken up at once with the President of the Company, or with the General Superintendent of the Company, provided a statement of the matter is furnished in writing to each of the executives over whose head the matter is taken.

Any grievance or complaint directly involving a foreman or other executive in immediate charge can be taken up in the first instance with

the Superintendent of the Department, the General Superintendent of the Company, and the President of the Company in the order named, allowing three days (not including Sundays and holidays) for consideration by each of the officials named.

Adjuster of Complaints. An Adjuster of Complaints, who will be paid by The Selby Shoe Company, will be at the service of individual employees or of committees to assist in adjusting grievances, complaints, or differences or in preparing statements concerning such matters. He will also upon request have prepared, without expense to the employees or committees, typewritten copies of any statements of grievances, complaints, or differences. The employees and committees are free to take up with the Adjuster of Complaints any question, either before it is presented to the foreman or at any time, and as many times as may be desired during the period of adjustment.

Appeals. Any grievance, complaint, or difference which cannot be satisfactorily adjusted within twelve days (not including Sundays and holidays) from the date the matter was first presented to the foreman or other executive of the Company (excepting the Adjuster of Complaints), may be referred by mutual consent of the parties, or by either party to The Industrial Commission of Ohio, and a reasonable time shall be given to such Commission for settling the difficulty by mediation and conciliation before the employees go out on strike or before the employers lock out their employees.

Date Adjustment shall be Effective. The adjustment of any grievance, complaint, or difference affecting earnings or the expenditure of money arising from shop conditions, shall become effective as of date the matter was first taken up for adjustment with the proper foreman or other executive (the Adjuster of Complaints excepted.)

Modification of Plan. This plan may be modified, or amended, by mutual consent of the Company and the General Shop Committee. The Industrial Commission of Ohio, shall be notified in writing of any such modification or amendment.

Abrogation of Plan. Either party may withdraw from this plan by giving thirty days notice in writing to the other party and to The Industrial Commission of Ohio, Columbus, O.

DETAILED STATEMENT.

SECTION I.

DEPARTMENT COMMITTEES

Departments. Each of the following departments, sections of departments, or groups of departments shall elect a Department Committee of five members, who shall be employes of the Department:

1. CUTTING.

Including hand, machine, deadhead, top, to include all those working on outside parts of shoe, and also patterns, and pattern room.

2. TRIMMING CUTTING.

3. STAMPING, SKIVING AND LINING.

4. FITTING A.

Department now under K. Molster.

5. FITTING B.

Department now under H. G. Cranston.

6. FITTING C.

Department now under O. McGee, also button hole and custom.

7. SOLE LEATHER.

8. TURN AND MCKAY LASTING UP TO HEELING.

Including Last Department.

9. TURN AND MCKAY BOTTOMING.

10. TURN AND MCKAY TREEING, FINISHING, AND PACKING.

Including Carton Department.

11. WELT LASTING.

12. WELT, A AND B.

13. WELT BOTTOMING, A AND B.

14. WELT TREEING, FINISHING, AND PACKING.

15. GENERAL.

Including all Departments other than shoe making and clerical.

16. OFFICE, MALE.

17. OFFICE, FEMALE.

Definition of Department. Wherever the term "department" is used throughout this plan, it shall be construed to mean one of the 17 departments, sections of departments, or groups of departments enumerated above.

Organization of Committee. Within six days (not including Sundays and holidays), after the election of the Department Committees each department committee shall meet and elect from its own members a chairman and a secretary. Within two days (not including Sundays and holidays), after organizing, the secretary of the department committee shall file with The Selby Shoe Company a list showing the names of the chairman, the secretary, and each member of the committee.

Duties of Committee. The Department Committee shall undertake to adjust any grievance, complaint, or difference concerning shop conditions, brought to the attention of the committee, which affects any employe or employes of the particular department.

Department Committees acting jointly shall undertake to adjust any grievance, complaint, or difference concerning shop conditions, brought to the attention of any one of the committees, which affects employes in two, three, or four departments. In such cases the joint committee shall choose from its own membership a temporary chairman.

At least five days (not including Sundays and holidays), before a regular election, excepting the first election, the Department Committee shall select three employes of the department to act as judges of election.

Duties of Chairman. The chairman of each Department Committee shall preside over meetings of that committee, and over any mass meeting of the Department, which may be called by the committee. In case of the absence of the Chairman, another member of the committee shall be chosen temporary chairman.

Duties of Secretary. The Secretary of each Department Committee shall keep a permanent record of the work of that Department Committee, and such record shall be passed on to his or her successor. The record shall show for each grievance, complaint, or difference referred to the committee:

- a—The nature of the grievance, complaint, or difference.
- b—The date referred to the committee.
- c—The various steps taken to secure adjustment,
- d—The terms of final adjustment.
- e—The date of each step.

The secretary shall prepare such written statements as are necessary for the Department Committee to furnish to The Industrial Commission of Ohio.

At least four days (not including Sundays and holidays) before any regular election, subsequent to the first election, the secretary shall notify The Selby Shoe Company, in writing, of the names of the three employes in the department who have been designated by the Department Committee to serve as judges of election.

Period of Service. Members of Department Committees shall be elected for six months, excepting that following the first election, and immediately preceding the organization of the department committee, the members of each department committee shall determine by lot their period of service, three to serve six months each and two to serve three months each.

Committee Vacancies. In case a member of a Department Committee resigns or ceases to be an employe of The Selby Shoe Company, he or she shall not retain membership on such committee, and such place on the committee shall remain vacant until the next election. In case the chairman or secretary of a department committee resigns or ceases to be an employe of The Selby Shoe Company, the committee shall meet within five days (not including Sundays and holidays) and elect one of its members to the vacant position.

Place and Time of Meeting. Each Department Committee shall determine its time and select its place of meeting.

Meetings of Department Employees. Each Department Committee or ten per cent of the employes of the department shall have power to call a mass meeting of employes of the department outside of working hours, upon posting in the department at least twenty-four hour's notice of such meeting.

Reference of Grievances to Mass Meeting. Grievances, complaints, or differences, excepting those of slight importance and those adjusted in such a way as to grant all the demands, shall be referred back to a mass meeting of the employes of the department before final settlement is made. The instructions of a mass meeting consisting of two-thirds of the employes eligible to vote, for which notice has been given as required in the preceding paragraph, shall be binding upon the Department Committee.

Assistance for Committee. In the adjustment of any grievance, complaint, or difference, a department committee shall be allowed to call to its assistance any employe of the department, but such employe shall have no vote on the committee.

Appearance Before Committee. Any employe involved shall have the right to appear before and to be heard by the committee considering a grievance, complaint or difference.

SECTION II.

GENERAL SHOP COMMITTEE.

The General Shop Committee shall consist of the chairmen of the various department committees, excepting the office committee.

Organization of Committee. Within ten days (not including Sundays and holidays), after each regular election, the chairmen of the several department committees, excepting the office committee, shall meet as the General Shop Committee and elect from their own members a chairman and a secretary. Within two days (not including Sundays and holidays), after organizing, the secretary of the General Shop Committee shall report in writing to The Selby Shoe Company the name of the chairman and of the secretary.

Duties of Committee. The General Shop Committee shall undertake to adjust any grievance, complaint, or difference concerning shop conditions, brought to the attention of the committee, which affects all employes of the plant, or which affects some employes in each of the various departments of the plant.

Grievances, complaints, and differences affecting some or all employes in five or more, but not all of the departments, referred to the General Shop Committee, shall be handled by a sub-committee consisting of the members of the General Shop Committee, representing the departments involved. Such sub-committee shall elect a temporary chairman from its own members, but the records of such sub-committee shall be kept by the secretary of the General Shop Committee, but he, or she, shall have no vote unless the department he or she represents is involved.

Any grievance, complaint, or difference arising in any of the 17 departments (excepting the office), not represented for any reason by a department committee shall be handled by the general shop committee.

Any grievance, complaint, or difference arising in any of the 17 departments (excepting the office) which may for any reason be represented by a department committee of less than three members, shall be handled jointly by the general shop committee and the members of the department committee involved.

The General Shop Committee shall determine the exact date of holding any election subsequent to the first one, excepting for the office department. For the office force the department committee shall arrange the details concerning election.

Duties of Chairman. The chairman of the General Shop Committee shall preside over meetings of the committee and over any mass meeting of the employes of the plant, which may be called by the General Shop Committee. In case of absence of

the chairman, another member of the committee shall be chosen temporary chairman.

Duties of Secretary. The secretary of the General Shop Committee shall keep a permanent record of the work of the committee, and such records shall be passed on to his or her successor. The record shall show for each grievance, complaint, or difference referred to the General Shop Committee, or to any sub-committee of the General Shop Committee, or to any joint committee composed of department committees, or to any joint committee composed of the General Shop Committee and members of a department committee:

- (a). The nature of the grievance.
- (b). The date referred to the committee.
- (c). The various steps taken to secure adjustment.
- (d). The terms of final adjustment.
- (e). The date of each step.

The Secretary shall prepare such written statements as are necessary for the General Shop Committee or any sub-committee, or joint committee, to furnish to The Industrial Commission of Ohio.

Committee Vacancies. In case a member of the General Shop Committee resigns or ceases to be an employe of the Selby Shoe Company, he or she shall not retain membership on such committee, but the employe elected to the chairmanship of the department committee (where the vacancy occurred); shall become a member of the General Shop Committee.

In case the chairman or secretary of the General Shop Committee resigns or ceases to be an employe of The Selby Shoe Company, the committee shall meet within not less than six nor more than eight days (not including Sundays and holidays) and elect one of its members to the vacant position.

Place and Time of Meeting. The General Shop Committee shall determine its time and select its place of meeting.

Meeting of Employees. The General Shop Committee shall have power to call a mass meeting of employes of all departments of the plant (excepting the office), or of any two or more departments of the plant, outside of working hours, upon posting in each of the departments included at least twenty-four hours' notice of such meeting. Ten per cent of the employes of the plant or of the department included shall have similar power.

Reference of Grievances To Mass Meeting. Grievances, complaints, or differences, excepting those of slight importance and those adjusted in such a way as to grant all the demands, shall be referred back to a mass meeting of the employees of the department involved before final settlement is made. The instructions of a mass meeting, consisting of two-thirds of the employees eligible to vote, for which notice has been given as required in the preceding paragraph, shall be binding upon the committee handling the matter.

Assistance For Committee. In the adjustment of any grievance, complaint, or difference, the General Shop Committee, or any sub-committee, or joint committee, shall be allowed to call to its assistance any employe of the shop, but such employe shall have no vote on the committee.

Appearance Before Committee. Any employe involved shall have the right to appear before and to be heard by the Committee, considering a grievance, complaint or difference.

SECTION III.

ELECTIONS.

Elections. The first election of members of department committees shall be held on March 3, 1914, and thereafter regular elections shall be held during the first week of June, September, December and March of each year, or if the plant is not in operation during the period specified the election shall be held during the next succeeding week during which the plant is in operation. Excepting for the first election, the different departments need not hold their elections on the same date.

Electors. Every person in the employ of The Selby Shoe Company ten days before an election (this limit of ten days is merely to allow time to print ballots), who is sixteen years of age or over at that time, excepting sub-foremen, foremen, and others in executive positions, shall be eligible to vote for members of the committee for the department in which he or she is employed.

At the first election any person sixteen years of age or over, eligible to return to work under the settlement of January 15th, 1914, but who has not yet been given employment by The Selby Shoe Company, shall also be allowed to vote.

List of Employees. At least ten days (not including Sundays and holidays), preceding an election, The Selby Shoe Company shall post in each of the 17 departments a printed or typewritten list, showing the name of each employe sixteen years of-

age or over in the department. At the head of the list shall be placed the following caption: "List of Employees of the ——— Department Eligible to Vote for Department Committee Members." Upon each list the names shall be entered alphabetically in two sections. The first section shall have the caption: "List of Employees Eighteen Years of Age or Over and Eligible to Election Committee Membership," and shall include the names of all such employees.

The second section shall have the caption "List of Employees Sixteen and Under Eighteen Years of Age and NOT Eligible to Election to Committee Membership," and shall include the names of all such employees.

Any correction reported to the Company in writing six* days (not including Sundays and holidays), before the election shall, upon verification, be entered upon the posted list by the Company. The posted list, consisting of the two sections specified above, with any corrections which shall be made will show for each department the name of every employee entitled to vote in that election, and the first section specified above will show the name of every employee eligible to election as a member of the department committee.

Judges of Election. For each department three judges, each of whom shall be eighteen years of age or over, shall be selected from employees of the department for each election. The judges selected shall not be members of the Department Committee. For the first election the judges shall be chosen by The Industrial Commission of Ohio. For subsequent elections the judges shall be chosen by the Department Committee.

Place and Hour of Holding Elections. The elections shall be held in the plant of The Selby Shoe Company, between the hours of 11:30 A. M. and 12:30 P. M. No foreman or other executive of the Company shall be present in the Department during the election hour.

Ballots. On the day of election The Selby Shoe Company shall furnish to the employees, who are to serve as judges of elections in each department, not later than three hours before the hour of election, a sufficient number of printed ballots for all of the electors in the department. The ballot for each department shall show in alphabetical order the name of every employee listed under the first section of the posted list for the particular department. The ballot shall show in prominent type at the top, the number of committee members to be chosen; thus: "VOTE FOR FIVE."

* For the first election, four days.

Marking Ballot. The employe shall indicate his or her choice by placing a cross (X) at the left of the name of each person for whom he or she desires to vote. No ballot shall be counted by the judges if either more or less than the proper number of names has been marked.

At the first election, each employe eligible to vote shall vote for five persons. At the regular elections in June and December each employe eligible to vote shall vote for two persons and for as many more as there may be vacancies on the department committee, and at each regular election in September and March each employe eligible to vote shall vote for three persons and for as many more as there may be vacancies on the department committee.

Ballot Boxes. Suitable ballot boxes shall be provided by The Selby Shoe Company.

Balloting. The Judges of election shall endeavor to furnish to each employe in the department, eligible to vote, a printed ballot before the hour of opening the polls, but any such employe not supplied before the polls open can procure a ballot by application to one of the judges.

During the period the polls are open each employe, eligible to vote, and desiring to vote shall deposit in person in the ballot box provided for the department, his or her marked ballot folded. As the ballot is deposited two of the judges shall check the name of the voter on copies of the list of those eligible to vote. No identification mark shall be placed on any ballot to indicate the name of the person casting the vote.

Counting Ballots. Immediately after closing the polls, the judges shall count the ballots. The judges shall determine the legality of any ballot, excepting that no ballot shall be counted unless the proper number of names, no more and no less, has been marked by the voter.

Reporting Vote. Upon the conclusion of the count the judges shall report, in writing over their signatures, to The Selby Shoe Company, and also post in the department the following information:

- a—The total number of legal votes cast.
- b—The names of those elected to committee membership. The person receiving the highest number of votes shall be declared elected and so on in order until the required number of committee members has been chosen, but no one shall be declared elected unless he or she receives a majority of the legal votes cast and at least forty per cent. of the total votes in the department and unless the number

of legal votes cast is equal to two-thirds of the votes in the department. In case of a tie vote, those receiving the tie vote shall cast lots to determine who shall be committeeman.

- c—If a sufficient number of persons to fill the committee vacancies has not been elected, the judges shall report to The Selby Shoe Company, and post in the department, the names and votes received by those next highest until the list contains twice as many names of such persons as there remain committee places to be filled.

Special Election.

If all vacancies on a department committee are not filled at a regular election, a special election for the purpose of filling such vacancy or vacancies shall be held in the plant of the Company on the third business day succeeding the regular election preceding.

The candidates for election, at this special election, will be those reported under Item "c," by the judges of the regular election (see "Reporting Vote"), and the ballots furnished by the Company shall contain only such names.

The method of holding the special election shall be the same as for the regular election and the judges serving in the regular election shall serve in the special election, and check the votes on the lists furnished by the company and report and post the result of the election.

All employees, eligible to vote in the regular election, shall be eligible to vote in the special election.

Posting the result of the regular election shall be sufficient notice of a special election.

In case of failure to fill all vacancies at a special election, another special election shall be held on the third business day succeeding.

SECTION IV.

ADJUSTMENT OF GRIEVANCES, COMPLAINTS, AND DIFFERENCES.

Adjustment of Grievances. Any grievance, complaint, or difference arising from shop conditions in The Selby Shoe Company's plant, and involving only employees of a single department may be taken up for adjustment either individually by the employee or employees involved or through the proper department committee.

Any grievance, complaint, or difference involving some or all of the employees in two, three, or four departments may be taken up either by the employee involved or through a joint committee, composed of the department committees representing the departments involved. Such joint committee shall choose a temporary chairman from its own membership. The secretary of the General Shop Committee shall record the

work of these joint department committees, but shall have no vote on any question unless the department which he or she represents is involved.

Grievances, complaints, or differences involving employes of all departments of the plant may be taken up individually or through the General Shop Committee.

Grievances, complaints, or differences involving employes of five or more departments, but not all departments of the plant, may be taken up individually or through the General Shop Committee; and the General Shop Committee shall appoint a sub-committee to adjust such grievances. The sub-committee shall consist of the chairmen of the committees from the several departments involved, and they shall select one of their own number to act as temporary chairman. The secretary of the General Shop Committee shall record the work of these sub-committees, but shall have no vote unless the department which he or she represents is involved.

As far as possible grievances, complaints, or differences shall be taken up by committees outside of working hours.

Reference of Grievances to Committee. A grievance, complaint, or difference shall be construed to be "Referred to Committee" when the chairman of the proper committee shall have been notified in writing, or when the committee in either a regular or special meeting, has been notified either orally or in writing. The notification may be given by any one or more of the individuals involved. In case a matter is referred to the wrong committee, it shall be the duty of such committee to inform the employe or employes as to the proper committee to which the matter should be referred.

Method of Handling. Any grievance, complaint, or difference pertaining to shop conditions may be taken up either orally or in writing, either by an individual employe or employes involved, or by the proper committee, with the foreman of the department involved, or other executive in immediate charge. If satisfactory adjustment cannot be secured within three days (not including Sundays and holidays) the matter can then be taken up with the Superintendent of the Department, the General Superintendent of the Company, and the President of the Company, in the order named, allowing three days (not including Sundays and holidays) for consideration by each of the three officials named.

Or, if the matter cannot be satisfactorily adjusted with the foreman or other executive in immediate charge within three days (not including Sundays and holidays), it can be taken up at once with the President of the Company or with the General Superintendent of the Company, provided a statement of the matter is furnished in writing to each of the executives over whose head the matter is taken.

Any grievance or complaint directly involving a foreman or other executive in immediate charge can be taken up in the first instance with the Superintendent of the Department, the General Superintendent of the Company, or the President of the Company in the order named, allowing three days (not including Sundays and holidays) for consideration by each of the officials named.

Adjuster of Complaints. An Adjuster of Complaints, who will be paid by The Selby Shoe Company, will be at the service of individual employees or of committees, to assist in adjusting grievances, complaints, or differences, or in preparing statements concerning such matters. He will also upon request have prepared, without expense to the employees or committees, typewritten copies of any statements of grievances, complaints, or differences. The employees and committees are free to take up with the Adjuster of Complaints any question, either before it is presented to the foreman, or at any time, and as many times as may be desired, during the period of adjustment.

Appeals. Any grievance, complaint, or difference which cannot be satisfactorily adjusted within twelve days (not including Sundays and holidays) from the date the matter was first presented to the foreman or other executive of the company (excepting the Adjuster of Complaints) may be referred, by mutual consent of the parties, or by either party to The Industrial Commission of Ohio.

If the matter is referred to The Industrial Commission by mutual consent, both parties to the controversy shall immediately prepare in writing and forward by registered mail, to The Industrial Commission of Ohio, Columbus, Ohio, a full statement of the grievance, and the steps which have been taken to adjust the matter. If one of the parties refers the matter to The Industrial Commission, the party shall at once notify the opposing party of that fact in writing and shall furnish The Industrial Commission of Ohio a full statement of the grievance and the steps which have been taken to adjust the matter. This statement shall be in writing and shall be forwarded by registered mail. The opposing party shall furnish to The Industrial Commission a similar written statement upon request.

Date Adjustment shall be Effective. The adjustment of any grievance, complaint, or difference affecting earnings or the expenditure of money arising from shop conditions, shall become effective as of date the matter was first taken up for adjustment with the proper foreman or other executive (except the Adjuster of Complaints).

**Strikes and
Lockouts.**

The employees of The Selby Shoe Company shall not go out on strike by reason of any grievance, complaint, or difference arising from shop conditions; nor shall The Selby Shoe Company lock out its employees by reason of failure to adjust any grievance, complaint, or difference arising from shop conditions, or by reason of any difference of opinion concerning shop conditions, until the matter has been referred to The Industrial Commission of Ohio, and a reasonable time given to such Commission for settling such difficulty by mediation and conciliation.

**Modification
of Plan.**

This plan may be modified or amended by mutual consent of the Company and the General Shop Committee. The Industrial Commission of Ohio shall be notified in writing of any such modification or amendment.

**Abrogation
of Plan.**

Either party may withdraw from this plan by giving thirty days' notice in writing to the other party and to The Industrial Commission of Ohio, Columbus, O.

The Industrial Commission of Ohio.

THE INDUSTRIAL COMMISSION OF OHIO

DEPARTMENT OF
INVESTIGATION AND STATISTICS

REPORT No. 24

Job Selling in Industrial Establishments in Ohio



COLUMBUS, OHIO:
THE F. J. HEER PRINTING CO.
1916.

Bound at the State Bindery.

RESOLUTION.

Be it resolved by The Industrial Commission of Ohio that the report of the Statistical Department covering "Job Selling in Industrial Establishments in Ohio" be and the same is hereby authorized to be published as Bulletin No. 5, Vol. 3, of The Industrial Commission of Ohio.

Adopted June 26, 1916.

THE INDUSTRIAL COMMISSION OF OHIO

By WALLACE D. YAPLE, *Chairman.*

Attest:

GEO. L. STOUGHTON, *Secretary.*

Exch.
... ..
2-1-1937

JOB SELLING IN INDUSTRIAL ESTABLISHMENTS IN OHIO.

In connection with the enforcement of the law regulating private labor agencies and also in connection with the mediation of industrial disputes, a great mass of information has been secured during the past few months by the Department of Investigation and Statistics of The Industrial Commission on the practice of paying to foremen in industrial plants a fee for securing work and also on the practice of paying money to the foremen from time to time in order that the workman may not lose his job or may receive more desirable work.

In plants where the custom of paying foremen for jobs has been in existence for a number of years there has been a gradual but very decided advance in the amount paid the foremen with the general increase in the price of other necessities of life. With some foremen a box of cigars or a bottle of whiskey was a sufficient "present" to secure a job ten years ago; then the applicant learned that money was more acceptable and \$5 was the usual fee for the unskilled laborer; the applicant next learned that \$2 or \$3 extra (\$7 or \$8) would help him to get a job without waiting, or in other words, it would place him on the preferred list; then the price rose to even money, \$10, and from that to \$15; and at the time these investigations were begun the fee "expected" was generally \$15, \$20, or \$25 for a job paying approximately 25 cents per hour.

According to the information obtained, the payment of fees to foremen for furnishing jobs is a well established custom in a number of plants in the state. The employees paying these fees are almost altogether non-English speaking foreigners, and those who profit from the fees are usually English speaking, or able to speak English, and quite generally of a different race from those who are exploited.

In some plants the custom has been established for years and it is almost inconceivable that such a reprehensible practice could be carried on under the very eyes of the general officers of any company without some knowledge of the fact on their part. It is even more to be wondered at that any industrial plant would hesitate to clean house from top to bottom in order to get rid of foremen who have either demanded, or have received without demand, fees from non-English speaking applicants for work, no matter whether such a fee be a small contribution to pay for drinks, or a larger and more substantial gift in the nature of an "honorarium", or a direct payment for the job secured.

The custom appears to have become so well established in some cases that no demand for payment needs to be made, as the non-English speaking applicant understands that he *must* make a payment of money before he can get work.

Such a custom produces the worst possible type of industrial slavery and it is small wonder that the much exploited immigrant often feels bitter and that sometimes this bitterness manifests itself in acts of violence during the excitement incident to a strike. What respect can the immigrant be expected to have for organized society which permits such conditions to exist?

If the immigrant when he gets his first job in an industrial plant must pay to a trusted employe of the company, who is often apparently a man of standing in the community, a fee for the privilege of working, why do we express wonder that anyone should place a money value upon the franchise after he has secured the right to vote, or why should we be surprised that the more radical ones should express lack of confidence in our courts of law and other institutions. The immigrant gains his first and his lasting impressions of America during the first few months of his residence in America, and these impressions are usually gained from the industrial establishment in which he secures work, and if there he finds graft and is exploited by his foreman, his lasting impression of America is that it is a land where the strong live by exploiting the weak.

The story is the same in establishment after establishment where special pains have not been taken to eliminate and to prevent exploitation. The shrewder foreman occupying a comparatively high position seldom receives the money directly from the applicant, but usually has a number of men who act as go-betweens. These go-betweens may be "straw bosses" or they may be workmen. They are often of the same race of those who are to be exploited. The applicant pays the money to the go-between and he in turn pays it to the foreman. Sometimes the money passes through the hands of two, three or even four persons before it reaches the foreman. In some cases the go-between retains a small part of the money collected, but usually nothing more than enough to pay for the drinks.

The go-between performs this service practically without pay for two reasons—First, this enables him to stand in with his foreman, and thus to secure more desirable work, or to be retained during periods of depression, and Second, it enables him to secure work for his friends and countrymen, and thus gives him a certain standing in his circle of acquaintances. This second cause is quite analogous to the cause which at times moves men to remarkable political activity.

There are reasons to believe that more or less grafting in the form of job-selling by foremen; in collecting money from workmen for retaining them during slack times, for assigning them to the more desirable jobs, or for increasing their wages; and in conducting raffles for the

benefit of the foremen, is carried on to a greater or less extent in most of the large industrial plants, where immigrants are employed.

In connection with the other work of the Department of Investigation and Statistics, it has not been possible to carry the investigations of these conditions further at this time. It is believed that when the industry of the State understands the existence of these forms of graft that steps will be taken to make such practices impossible, but if such steps are not taken a thorough investigation of the whole subject should be undertaken by either the State or by the Federal government.

Definite information has been secured by the Department of Investigation and Statistics, that the collection of fees for jobs, or assessments of various kinds by foremen, have been in the past few months carried on in at least six large industrial plants in the State employing approximately 40,000 men. In some of these establishments very drastic measures have been taken to punish those foremen who have violated their trust, and to devise plans for preventing grafting. In the majority of plants, it is believed that the practice has been broken up, but almost a complete re-organization of some departments in some plants will be necessary before the public can feel assured that this graft will be permanently discontinued. The public has a vital interest in this matter, for future citizens are receiving in those plants their first lessons in graft and moral standards are being established for the community.

In two large plants the offending foremen were discharged as soon as the matter was discovered by the general officials. In one plant the method of advancing workmen was changed according to the terms of a strike settlement. In one plant some of the foremen quit and some were discharged as soon as the matter was investigated by The Industrial Commission. In another plant, some of the foremen were discharged, and some were retained, but certain changes were adopted following an investigation by The Industrial Commission. In other plants only preliminary investigations have been made by the Commission.

In the plants under discussion, three foremen have been discharged by the company officials who were convinced of their guilt without trial; three threw up their jobs and left the State during the investigation; two stood trial and were convicted (both of these cases were carried to the Court of Common Pleas on error and the decision of the lower court sustained); three go-betweens pleaded guilty; one foreman was found not guilty by reason of insufficiency of evidence; and one was found not guilty on the grounds that as a general foreman he was a principal and not an agent within the meaning of the Statute under which the prosecution was brought, and that the evidence did not conclusively show that he had *demand*ed money for jobs. In this case the evidence clearly established the fact that he received money in a great number of cases, and that the custom of paying for jobs was a well established one in that department.

The case of one foreman has been continued but will come up for trial within a short time.^a The case of another foreman has been "continued generally" as he has been discharged and nothing is to be gained by further prosecution at this time if the custom of job-selling is thoroughly broken up in the plant where he was formerly employed.

The punishment provided by the only law (see Appendix D, pages 36 to 38) now on the statute books is a fine of from fifty to one hundred dollars, and such a punishment is entirely inadequate considering the seriousness of the crime. At the next session of the State Legislature, an effort will be made to secure the enactment of a satisfactory law covering not only the taking of a fee for a job, but also other forms of grafting on the part of foremen in industrial establishments.

The investigations conducted during the past few months have caused considerable hardship to the unfortunate workmen who had to pay for their jobs. Many of them were afraid to give information for fear of losing their jobs; others feared violence at the hands of those who profited by the nefarious traffic. It is certainly to the credit of immigrant workmen that more than one hundred were willing to furnish affidavits concerning the payment of fees for jobs and it is greatly to be regretted that in a few cases those who furnished information were discharged.

The complicated machinery, the splendid system, and the far-reaching effects of the practice of paying for jobs is indicated by the typical cases shown below. The instances cited are in every case supported by affidavits and in some cases by the affidavits of witnesses to the transaction. The identity of the individuals is not disclosed, but each of the letters, or combination of letters, used represent the same individual throughout. Attention is called to the varying amounts which while it represents "all that the traffic will bear", also indicates a general upward trend of the market. The workmen first named in each line was the applicant for a job.

MM paid \$15 to TTT, who paid \$15 to N, who paid \$15 to F,
who paid \$15 to A.
NN paid \$15 to TTT, who paid \$15 to N, who paid \$15 to F,
who paid \$15 to A.
RRRR paid \$9 to PPP, who paid \$9 to I, who paid \$9 to A.
UUU paid \$10 to JJJ, who paid \$10 to I, who paid \$10 to A.
JJJ paid \$7 to L, who paid \$7 to I, who paid \$7 to A.
TTT paid \$15 to N, who paid \$15 to I, who paid \$15 to A.
XXX paid \$16 to RRR, who paid \$16 to I, who paid \$12 to A.
YYY paid \$13 to F, who paid \$13 to I, who paid \$9 to A.
BBBB paid \$10 to LL, who paid \$6 to I, who paid \$6 to A.
CCCC paid \$11 to ZZ, who paid \$10 to I, who paid \$10 to A.
DDDD paid \$8 to LL, who paid \$7 to I, who paid \$7 to A.
GGGG paid \$10 to N, who paid \$10 to I, who paid \$10 to A.
KKKK paid \$15 to JJJJ, who paid \$15 to I, who paid \$15 to A.
LLLL paid \$16 to JJJJ, who paid \$16 to I, who paid \$16 to A.
MMMM paid \$15 to JJJJ, who paid \$15 to I, who paid \$15 to A.

^a Case tried July 6 and 7, and defendant found guilty.

NNNN paid \$25 to JJJJ, who paid \$25 to I, who paid \$17 to A.
 IIII paid \$9 to N, who paid \$9 to I, who paid \$9 to A.
 CCC paid \$10 to L, who paid \$10 to J, who paid \$10 to A.
 DDD paid \$10 to L, who paid \$8 to J, who paid \$5 to A.
 EEE paid \$15 to L, who paid \$15 to J, who paid \$15 to A.
 FFF paid \$10 to L, who paid \$10 to J, who paid \$10 to A.
 GGG paid \$25 to L, who paid \$15 to J, who paid \$15 to A.
 HHH paid \$15 to L, who paid \$15 to J, who paid \$15 to A.
 QQ paid \$15 to OO, who paid \$15 to K, who paid \$15 to A.
 YY paid \$15 to H, who paid \$10 to A.
 O paid \$7 to H, who paid \$5 to A.
 P paid \$20 to O, who paid \$15 to H, who paid \$10 to B.
 R paid \$17 to G, who paid \$17 to B.
 S paid \$21 to G, who paid \$20 to B.
 T paid \$20 to G, who paid \$20 to B.
 U paid \$20 to B.
 SS paid \$15 to XX, who paid \$15 to C.
 TT paid \$15 to XX, who paid \$15 to C.
 UU paid \$10 to XX, who paid \$10 to C.
 VV paid \$15 to XX, who paid \$15 to C.
 WW paid \$15 to XX, who paid \$15 to C.
 W paid \$5 to V, who paid \$5 to D.
 V paid \$15 to D.
 QQQ paid \$25 to D.
 M paid \$20 to E.
 RRRR paid \$30 to E.
 KKK paid \$20 to N, who paid \$20 to F, who paid \$10 to Q.
 OOOO paid \$15 to N, who paid \$15 to F, who paid \$8 to Q.
 PPPP paid \$23 to N, who paid \$20 to F, who paid \$10 to Q.

The first complaint of grafting on the part of foremen came through the demands of a body of striking employes in the latter part of 1915. One of the demands of these strikers was for the discharge of a foreman to whom the foreign workmen were required to contribute money from time to time in order to hold their jobs or to secure an advance in wages. In settling the strike the company agreed to make certain changes in the method of raising wages and it was hoped that this would prevent the possibility of further assessments.

The matter next came to the attention of the Department of Investigation and Statistics when four foreign laborers were discharged from one of the very largest establishments in the State. These foreigners claimed that they were discharged because they refused to contribute \$5 each to their English speaking foreman a short time before Christmas. The Department of Investigation and Statistics immediately set about to secure the facts in the case, but the discharged foreigners also complained to the officials of the company at about the same time. The company at once began an investigation, satisfied itself of the truth of the charges, discharged the foreman who had been with them for several years, and sent a representative of the company to Columbus to go over the matter

with The Industrial Commission, and to assure the Commission that everything possible would be done by the company to stamp out such practices throughout their establishment. It is interesting to note that all this was accomplished by this company within four days from the time the matter first came to the attention of the company officials.

A number of affidavits were taken in this case by the company. Out of eighteen affidavits from men who had worked under this foreman, fourteen stated that they had contributed money for the foreman one or more times. In the extracts from these affidavits, which are shown in Appendix A, pages 10 to 15, no names are disclosed, but the company is referred to as the A. B. Co., the foreman as X, and two "straw bosses" (foremen having charge of a few men) as Y and Z, respectively.

The attention of the Department of Investigation and Statistics was again called to job-selling by the receipt on February 18, 1916, of a letter from a prominent firm of attorneys making inquiry as to whether certain individuals whom they named had been licensed to conduct an employment agency for hire. The letter stated that these men were foremen in a certain manufacturing plant and that several persons claimed that they had been charged from \$20 to \$30 each by these foremen when they had obtained work under them. Three months before the receipt of this letter, a rumor had reached two of the officials of the Department of Investigation and Statistics that grafting was being carried on by foremen in this same industrial plant, but no investigation could be undertaken at that time.

Immediately upon receipt of the letter to which reference has just been made, an investigation was begun and after evidence was collected, several foremen, straw bosses and "go-betweens", were prosecuted and a conviction or a plea of guilty was secured in all of the cases which have come to trial up to this time with the exception of one foreman.

A great many affidavits were taken in collecting the evidence against the foremen in this company and the evidence shows that grafting in some form or another at the expense of the workman was practiced by several foremen, and straw-bosses, against whom no prosecutions were brought. The Department has been assured that the custom has been broken up as a result of the investigations which have been made and the prosecutions which have been brought. If, however, it is later found that grafting continues a number of additional arrests will be made.

In Appendix B, pages 16 to 33, will be found extracts from a number of affidavits. These affidavits were taken by officials of the Department of Investigation and Statistics. A number of those from whom affidavits were secured testified during the trials of the cases, and their testimony in every case bore out every essential fact given by them when their affidavit was secured. No names are disclosed, but the company is referred to as the C. D. Company, and each individual is referred to by a letter or a combination of letters.

In the case of a fourth establishment, the Department of Investigation and Statistics was requested by one of the general officers to assist in eliminating graft on the part of foremen. That industry is seasonal in character, and it was extremely difficult to secure evidence as the former employees were scattered in other sections of the country. Of those who, according to the evidence collected, benefited from the job-selling, some quit their jobs and left the State; one was tried but acquitted, by reason of insufficiency of evidence, and another was brought to trial but the case was dismissed at the request of the State in order that more evidence might be collected.

In the extracts from affidavits secured in connection with these cases as shown in Appendix C, pages 34 and 35, the company is referred to as the E. F. Company, and each individual by a letter.

Mr. C. R. Bell of the office of the Attorney General of the State, has conducted the prosecution of all of these cases against foremen in industrial establishments for violation of the law regulating employment agencies. He has handled this work in a very able manner. Mr. Charles Hartman of Mulholland and Hartman, and Mr. Carper W. Nielson, City Prosecutor, assisted Mr. Bell in the prosecution of some of the cases.

The investigations of graft in industrial establishments was made and practically all of the evidence was collected by Charles H. Mayhugh, Special Agent of the Department of Investigation and Statistics, and by the Chief Statistician. George F. Reiser, Superintendent of one of the State-City Free Labor Exchanges and Walter J. Boesel and George F. Miles, both of the Department of Investigation and Statistics, assisted at times in the collection of evidence. The burden of the work, however, was carried by Mr. Mayhugh and his marked ability along these lines made it possible to carry the work to a successful conclusion.

FRED C. CROXTON,
Chief Statistician and Chief Mediator.

Columbus, Ohio, June 26, 1916.

APPENDIX A.

(In these affidavits, Nos. 1 to 14, the company is referred to as the A. B. Co., the foremen as X, and the two "straw-bosses" (foremen having charge of a few men) as Y and Z, respectively.)

No. 1

"I, _____, known as _____, employed as _____, check No. _____, being first duly sworn, depose and say that when I went to work for X _____ last fall I gave X _____ \$8 out of my first pay in December. No one was present in the labor shanty with us and X _____ says "You will give me some money for Christmas". Saturday before Christmas I gave him out of my second pay \$5. This was what all the men were doing. I was not the only one that gave him \$5.

Yesterday X _____ told me not to say anything about the money I had paid him when they asked me about it. Y _____ was with him and said the same."

No. 2

"I, _____, check No. _____, being duly sworn, depose and say that in November last, X _____ asked me for \$5 saying that if I gave it to him he would see that I got work all the time. I told him I had no money. He said, 'When will you have?' I said, 'Maybe next pay.' The first pay in December I was in the shanty and saw X _____ collect money from several other men. I told him I didn't have any. Two days afterwards I met X _____ and Y _____ at the shanty and gave X _____ \$5, which Y _____ put down in a book he carried.

The day I started to work, X _____ followed me to _____ saloon when I went to lunch, and asked me to buy him a drink. I took him around to the bar and told the fellow to give him what he wanted. X _____ took a drink of whiskey, two 10 cent cigars and one beer. When I went back X _____ put me at cleaning bricks, and I worked for a week or so. After that I avoided X _____ when I could."

No. 3

"I, _____, being first duly sworn, depose and say that the last three or four years I have been asked by _____ and others to give Christmas presents for X _____. The first pay of last December _____, check No. _____, called me in the labor

shanty and X——— asked me for some money for Christmas. He didn't say how much, but I gave him \$5. and Y——— took down my number."

No. 4

"I, ———, check No. ———, being duly sworn, depose and say that when I worked for the company the first time for X——— I gave him no money and he got me out. This time when I went to work for him I gave him money. He said, 'Thank you', and now he keeps me at work. The first pay after I went to work nothing was said, but the second pay, which was the first pay in December, Y——— said I should give X——— some money. I said I would see about it. About five minutes afterwards X——— came to me and asked if Y——— had talked to me and wanted to know what I would give. This was on Sunday and on Monday I gave X——— \$5. This was in the labor shanty. X——— took the money, Y——— put the number down in the book and Z——— was on the outside watching. * * * *

———, who has a gang of six or seven men once in a while, came to me the other day and told me to tell the officials that I knew nothing, X——— brought me up here and told me that I was to say nothing about the money."

No. 5

"I, ———, check No. ———, being duly sworn, depose and say that about the time of the first pay in December Y——— met me at the mill and said I better give some money for the boss. He asked me to come over to the shanty next day and asked me to put up some money for the boss, X———. I said I would give the money my next pay. He said, 'No: it is to be for Christmas'. Y——— said to come to the shanty the Sunday after the first pay in December, but I was drinking some Saturday night and I didn't come out to work the next day. On Monday all the men said they had given X——— \$5, and I thought I had better give him something if I wanted to keep my job, but I didn't want to give him anything, thinking I could get a job somewhere else, but when I got to thinking it was winter time I thought I better keep the job I had, so the next pay, the one just before Christmas, I put \$5 in an envelope and gave it to ——— to give to X———. The next time I saw X——— on the job, he called to me, 'Thank you'.

I further depose and say that this morning just before coming over here X——— came over to me and said, 'Don't you say anything about Christmas'.

No. 6

"I, ———, No. ———, being first duly sworn, depose and say that just before the first pay in December X——— asked me to

remember him at Christmas. I didn't hear just what he said and asked Y——— what he said, and Y——— said he asked me to give him something for Christmas. The day of the first pay in December last ——, one of the gang, called me in the shanty and X——— asked me for \$5, which I paid him, Y——— took my number and wrote it down."

No. 7

"I, ——, check No. ——, being first duly sworn, depose and say that I have worked under X——— for the past five months. I formerly worked for fifteen years at the —— Mill. The first pay in December Y———, on Saturday, told me to come to the labor shanty the next day. I went to the labor shanty the next day and gave X——— \$5, and Y——— took my number. This was the amount that other men that had worked there a long time told me it was customary to give. I never paid any other money to anybody, either here or at the ——."

No. 8

"I, ——, being duly sworn, depose and say that I began working for the A. B. Co., December 10th last, under X———, labor boss, and Y——— and Z———, straw bosses. I worked for the company a year and a half once before. I have never paid anything for a job, but in 1913 ——, No. ——, who had had no work and works for ——, went around and collected \$115.00 for X———, which he gave to X——— at —— saloon. When I first worked for the company the boss used to ask us to go to the saloon with him, but I would not. December 16th last, X——— asked me what I was going to give him for Christmas. I said, 'Nothing.' He said, 'If you look to me I look to you.' Y——— was with me at the time. Later he sent Y——— to me and Y——— said I better give some money to X———. Said if I did not X——— would lay me off as he did before. Last Friday, X———, called me and told me to stay home, and when I came back Friday morning, he asked me why I came out, and afterward had the plant police put me out from the plant."

No. 9

"I, —— Check No. ——, being first duly sworn, depose and say that the first time I worked for X——— I was asked by my brother-in-law —— to give \$5 for a Christmas present to the boss. —— said that X——— had told him to collect. but I did not give anything. The first pay in last December X——— asked me for money for Christmas. I said I would give it next pay.

December 24th I gave him \$5 in the labor shanty in the presence of several other men who were also giving him money, one of whom worked in the ash pit in the boiler house. Y———— put down the numbers in a book. The other day my brother-in-law said that X———— said he would give that money back, but I thought I would not take it because I might lose my job if there were no investigation made. When X———— asked for the money he said that we would have to look out for each other, and today when X———— and Y———— came to the blacksmith shop he said I would have to go to the big office, and he wanted to know what I would say if asked about the Christmas money and the watches. I said I did not know; that I did not know what they would ask me, but I would tell them the truth.”

No. 10

“I, —————, Check No. ———, known in the mill as —————, being first duly sworn, depose and say that up to about two years ago I worked as laborer under X————. In 1913 he asked me to take up a Christmas collection for him from the men. I told him I could not write and he said he would give me a man and that I should do the talking to the laborers. He gave me a man named ———. * * * * We collected \$117.00, which I gave to X———— in ————— saloon. Most of the men gave \$5. The first Christmas I worked for the company I did not want to give any money and a few days after Christmas they said they would lay me off more if I did not give anything. I gave them \$2. After that I was put to work, but I did not work steady as they had to take care of the men that gave \$5. About two weeks ago I met X———— and I told him the men were getting sore at him. He said if my brother-in-law wanted his money back he could have it. I told him he was a ——— fool if he gave any money back after he got it. He has seen me several times since and has asked me not to say anything about the matter of Christmas collection.”

No. 11

“I, —————, No. ———, being first duly sworn, depose and say, that I have worked for the past six years for the A. B. Co., under X————, labor boss, and Y———— and Z————, straw bosses. I paid nothing when I went to work, but Christmas Y———— and Z———— collected money from the men. This money was taken up at the shanty where they would call the men in two or three at a time. One would take the money and the other would enter it in a book. Last Christmas X———— asked me for the money several days before the first pay day in December. I paid him \$5 the first pay day in December at the labor shanty, and Y———— wrote down my name in a book.

I further depose and say that I have bought tickets for raffles from Y_____ and Z_____ for \$2 watches, which they said belonged to X_____."

No. 12

"I, _____, No. _____, being first duly sworn, depose and say, that for the past four months I have worked under X_____; that at Christmas I gave him \$5. About the first of December X_____ called me over and called me Joe, and asked me if I was going to give him something for Christmas. I told him I had no money at that time and I had things to buy too. He said if you look out for me I will look out for you. Then he seemed to think I did not understand and asked Y_____ to tell me in Italian. Y_____ told me the same and explained it would be better for me if I gave X_____ \$5 as X_____ would look out for me and let me work overtime. I had no money at that time as I had things to buy, but at the second pay day in December _____ called me to the labor shanty where he had been calling other men, too, at that time and I went in alone. X_____ was there alone and I gave him \$5, and he said, 'Thank you.'

No. 13

"I, _____, No. _____, being first duly sworn, depose and say that I have worked for X_____ most of the past ten or eleven years. My straw bosses are Y_____ and Z_____.

I further depose and say that four years ago when I returned from Italy _____ said I should give X_____ a Christmas present to get back at work. Instead I went to work for another company until after Christmas. _____ then told me I had better give X_____ two pair of Italian socks that I had brought back with me if I wanted to go to work. I took these socks to X_____'s house. I do not know the street and number, but I knew where it was, because when it was built new X_____ took the men from the mill one evening and they helped him move in. At the house I saw X_____ and a lady, and I gave the socks to X_____

* * * * *

I further depose and say that at the request of _____ I gave X_____ \$5 the first pay day in December last. I gave this to him at the labor shanty in the presence of _____, my boarding boss, and also _____ and a man called Black. Each of these last three mentioned men gave X_____ \$5. _____ also saw me give X_____ this money, but he did not have the money to pay X_____ himself, but told me the next evening that he had done so.

I further depose and say that Y_____ has a number of times sold me tickets for raffles which he said he did for X_____. On one raffle I bought a ticket for 50c and on the last raffle I bought two tickets, one for 65c and one for \$1.22. Watches have been won by _____, _____, _____. In connection with these raffles X_____ said to me, 'You help me out and I will help you out.'

No. 14

"I, _____, No. _____, being first duly sworn, depose and say that I have been working for the past two years for X_____. When I worked with him before I never paid him any money. The first Christmas I was here this last time I had been working only a month. This last Christmas X_____ asked me to give him \$5. I gave him this money in the labor shanty and Y_____ was present, but no one else, and I did not see Y_____ write it down in the book."

APPENDIX B.

(In these affidavits, Nos. 15 to 43 the company is referred to as C. D. Co., and each individual is referred to by a letter or a combination of letters.)

No. 15

“—————, being duly sworn, deposes and says that during the fall of 1914 presumably on or about September 15th, 1914, he had been looking for work and on account of being unable to find a job, was becoming very discouraged, when some man whose name is unknown to him told him he could get him a job at the C. D. Co., but that he would have to buy some drinks. The affiant gave him \$15.00 (fifteen dollars) which he had borrowed and the man told him that this was not enough, and that the affiant must pay fifteen dollars (\$15) more. The affiant states that he borrowed the fifteen dollars (\$15.00) which he paid to this man and that he got a job in the aforesaid factory, in Dept. ———, wages twenty-five cents (25c) per hour. After he had worked three weeks, the affiant paid nine dollars (\$9.00) more to the same man, who then left for his home in Russian, Poland. Affiant states that when he started to work, Foreman A————— took him to Q—————, another foreman, and that he worked under Q—————’s direction. That when he had worked about four weeks, K————— and B————— came to him in the factory and told him that he must go to the country and work Saturday afternoons and Sundays on the farm of B—————. The affiant knew that the said B————— was a son-in-law of Foreman A————— and that if he did not go to work, he was afraid he would lose his job, so he went and worked on said farm and never received any pay for his labor, neither did he get back the car fare paid for by him going to and coming from said farm. The affiant states that since then he has worked about twenty Saturday afternoons and twenty full Sundays, the only pay he received being an occasional meal.

The affiant further states that during the period in which he worked on the farm that other men from the C. D. Co., worked, sometimes as many as three and four men being at work at one time, none of them receiving any pay for their labor. R————— was one of these men and the names of the others are unknown to the affiant. The class of work we were compelled to do was cutting railroad ties into stove wood, hoeing corn, digging potatoes, building sheds, grubbing underbrush and other hard duties necessary on a farm. The affiant says that about three weeks after he had started to work at the C. D. Co., in September 1914,

men came to him and wanted him to get them jobs. He asked B_____ to try to get work for these men and B_____ told the affiant to bring the men out to the farm to see him. On or about November 1st, 1914, R_____ wanted work and the affiant took him out to see B_____ at the farm and that the said R_____ then and there paid seventeen dollars (\$17.00) to the affiant and he immediately handed the money to B_____ in the presence of the said R_____. On or about August 21, 1915, S_____ and T_____ went with the affiant to the farm and saw B_____ and the said S_____ paid twenty dollars (\$20.00) to B_____ and one dollar (\$1.00) to the affiant, and T_____ paid twenty dollars (\$20.00) to B_____ and one dollar (\$1.00) to the affiant. The affiant states that in addition to the three men aforesaid, he has taken four other men, one whose last name was V_____ and that the names of the others are unknown to him, for work. That each of these four men paid twenty dollars (\$20.00) to B_____, one paid the affiant seventy-five cents, two paid the affiant one dollar (\$1.00), and the other man did not give him anything to repay the affiant for car fare and time consumed hunting them and taking them to the farm. The affiant further states that about three months ago, which was on or about December 20, 1915, the aforesaid R_____ came to the affiant, complaining about his legs hurting him and wanted the affiant to try to get him a job where he would not have to stand while working. During lunch hour of the same day that R_____ complained, the affiant saw Q_____ in a saloon across the street from the C. D. Co., and asked Q_____ to give R_____ such a job and that if he would give him a better job R_____ would pay Q_____ three dollars (\$3.00). Q_____ agreed to give R_____ such a job and did do so. Following Saturday R_____ wanted to pay three dollars (\$3.00) to Q_____ in the same saloon. Q_____ did not want to take the money from him in the saloon so R_____ paid the money to the affiant, who in turn paid it to Q_____."

No. 16

"_____ being duly sworn, deposes and says that on or about June 21, 1913, he came from Poland to America, settling in _____, Ohio, he was anxious to find work and had been to the C. D. plant a great many times, but was unable to secure a job. One of my countrymen knowing I was in need advised me to see D_____ who is a foreman in the C. D. plant and ask him for work. I did this on or about the 15th of August, 1913, and the said D_____ stated to me that if I wanted a job I would have to pay him fifteen dollars (\$15.00), which I then and there did agree to pay. The affiant

states that he paid five dollars (\$5.00) to the said D_____ on or about the 15th day of August, 1913, and paid the remaining ten dollars in five dollar installments the next two succeeding pay days. The affiant further states that after he had worked about two months he went to the said D_____ to try and get work for his brother-in-law, W_____, stating to the said D_____ that his brother-in-law was a very poor man and had very little money. He, D_____ said that he would give him a job if he would pay five dollars (\$5.00) which my brother-in-law handed to me and I in turn gave it to D_____ on or about October 10th, 1913 and my brother-in-law went to work and stayed in the service about six weeks when he was discharged. The affiant further states that he worked for the C. D. Co., to about December the 15th, 1913, when he resigned and went to Pennsylvania to work. The affiant states he worked about two weeks when he received word from his brother wanting him to return, which he did and worked for a contractor during the summer of 1914. On or about the 1st of August, 1914 the affiant again went to see the said D_____ for a job and then and there paid the said D_____ ten dollars to secure a job. I worked about two months but as I was compelled to treat the foreman and buy so many drinks I saw I was getting in debt, as when working at night I was compelled to treat the night foreman, E_____, and on Saturdays was compelled to buy drinks for both the night foreman E_____ and the day foreman D_____, I was compelled to resign. The affiant then sought and secured work with the X_____ Co., in their power house, starting to work on or about the 1st of October, 1914. The affiant states that from October 1st to until about December 1st he worked for the X_____ CO., when he was laid off and from about December 1st, 1914 to about February 1, 1915 he went to the C. D. Plant twice each week trying to secure employment. During these visits Z_____, who is a large man with a dark mustache, but whose name I do not know said he would see that I got a job if I paid him thirty dollars (\$30.00). I told this Z_____ that I did not have thirty dollars and he then told me to get out of the plant. The affiant then states that he saw D_____ in front of the factory on or about February 5, 1915 and told the said D_____ that he did not have any money and wanted a job. D_____ replied that if he didn't have any money he couldn't get a job. The affiant told D_____ that he had credit and wanted to know if he bought a watch and gave it to D_____ if he could secure a job. D_____ replied, 'Yes, that will be all right, you can pay me the rest later.' The affiant states that he then bought a watch on credit and gave it to D_____, but did not secure work for a long time. On or about April 1, 1915 the affiant went to D_____ wanting to know why he did not get a job as he had given him the watch. D_____ replied, You

must give five dollars at once or I cannot give you a job.' I borrowed five dollars from my brother, paying this five dollars to D_____ on or about April 1, 1915 and then secured work and worked up to March 7, 1916, when I resigned because I could not stand night work and they refused to give me a day job. The affiant further states that during this first period of employment at the C. D. Co., which was on or about the 15th of August, 1913, to on or about the 15th of December, 1913, he was working at night under foreman E_____ to whom he was assigned by the said D_____ the said E_____ told him that if he did not do better work he would be discharged, whereupon the affiant gave five dollars to the said E_____ and nothing further was said about discharging him."

No. 17

"_____, being duly sworn, deposes and says that on or about the 1st of October, 1915 after he had been going to the C. D. plant seeking work for two months he went to board at the same house with V_____. The affiant states that he talked to the said V_____, who said that he could get a job. After seeing D_____. V_____ told me that D_____ said he would give me a job providing I would give him fifteen dollars (\$15.00). On or about October 3, 1915 I borrowed fifteen dollars from a friend. AA_____, and the same day gave this to the said V_____ and about one week later I got a ticket from V_____ and took this ticket to the C. D. Plant and am still working there in _____ room at night under foreman E_____.

The affiant further states that his friend V_____ paid the fifteen dollars to D_____ and when he went to work the said V_____ took him to see the aforesaid D_____ who gave him the ticket to go to work."

No. 18

"_____, being duly sworn, deposes and says on or about May 4, 1915, his friend BB_____, who was then working at the C. D. Plant took him to the aforesaid C. D. Plant and pointed out D_____, saying to me that D_____ was the foreman who could give me work. The affiant asked the said D_____ for a job who replied, 'You know you will have to pay for a job here'. The affiant then asked, 'How much'? D_____ replied, 'Twenty-five dollars' (\$25.00). On or about May 8, 1915 I met the said D_____ in front of his house on _____ Avenue, about 7 in the evening and paid to him twenty-five dollars (\$25.00). D_____ said to me that he was not taking the money for himself, but that he had to divide it up. The affiant states that he went to work on or about May 10, 1915 and is still working there in _____ room at night under foreman E_____."

No. 19

"_____, being duly sworn, deposes and says that on or about May, 1915, he rode with D_____ in a jitney from the C. D. Plant and talked with him about a job in the C. D. Plant. D_____ said, 'You can get work. You have to pay for it twenty dollars, but don't give it to me in the jitney.' The affiant states that they got out to go into CC_____ 's saloon and that before they went into the saloon he paid to D_____ twenty dollars for a job in the C. D. Factory. D_____ told him to come around the next morning for a card. About a week later the affiant got a card from D_____ who told him to go to the office and get a job. He took the card and went to the office and got a job in the _____ room and is still working there. The affiant states that the card which D_____ gave him was made out in the name of 'DD_____' and that is the name under which he is working at the C. D. Plant, and that there is no reason for his working under such name excepting that the card given him was made out in that name.

The affiant further states that on or about November 15, 1915, EE_____ asked him about a job in the C. D. Plant. He told EE_____ to come to see D_____. We saw D_____ on Saturday afternoon and he said that EE_____ could have a job for twenty dollars. EE_____ said that he did not have so much money, but would give him ten dollars and then give him another ten dollars after he started to work. EE_____ then paid ten dollars, being the first installment on the payment for a job in the C. D. Factory. This ten dollars was handed to the affiant in front of CC_____ 's saloon and immediately handed by affiant to D_____ in the presence of EE_____. This was the first payment and the remaining ten dollars was paid by affiant out of his next pay. EE_____ did not get a job and about every week the affiant asked D_____ about a job for EE_____. D_____ said, 'Don't ask me, but if there is a change I will give you a card.' About two months after the money was paid D_____ gave to affiant a card for EE_____, but made out in the name of FF_____. EE_____ had got a job in the _____ Factory and has never got a job in the C. D. Factory. EE_____ was so angry because he had paid money to D_____ and did not get a job for which he had paid that he threatened to cause trouble and the affiant then, on or about January 23, 1916, paid to EE_____ ten dollars in order to avoid trouble.

On or about February 15, 1916, D_____ called affiant into a corner and asked him if he had asked a lawyer to collect the twenty dollars paid for a job for EE_____ and asked affiant if he had ever paid him pennies. The affiant said to D_____ that he had

never paid him pennies, but had given him dollars. D_____ did not return the money and had not yet done so.

The affiant further states that a day or two after he got the card for EE_____ (with name FF_____) D_____ asked him where his friend was. He told him that he had a job and didn't know whether or not he would work in the C. D. Factory. D_____ said 'That is bad business, but if he doesn't come you can sell the card to some other fellow.'"

No. 20

"_____, being duly sworn, deposes and says that on or about the 16th of October, 1915, GG_____ came to where he boards _____, Ohio and he asked GG_____ for work at the C. D. Factory. The Said GG_____ said, 'I can get you work, but you will have to pay me twenty-five dollars (\$25.00)'. The affiant told him that he only had ten dollars with him, but would pay that to him and the other fifteen dollars the following Monday. The affiant further states that he then and there paid ten dollars to the said GG_____ in the presence of HH_____ and that on Monday next following aforesaid date I saw the aforesaid GG_____ near C. D. Factory and then and there on or about October 18, 1915 paid fifteen dollars to the said GG_____. The affiant borrowed this ten dollars from HH_____, that is the money paid on or about October 16, 1915. The affiant further states that on Monday, October 18, 1915 after he had paid the last money to GG_____, the said GG_____ and he waited until D_____ came out of the factory to go home, and all three of them then got in a jitney bus and went to CC_____ 's saloon. In CC_____ 's saloon immediately after we got out of jitney bus the affiant states that he saw the said GG_____ take money out of his pocket which he then and there handed to D_____ in the presence of the affiant. The affiant states that he does not know how much money GG_____ gave D_____ but that it was paper money. The affiant states that when D_____ got the money he said to the affiant, 'You come up to C. D. Factory tomorrow and I will give you a job.' On Tuesday, October 19, 1915 the affiant went to get the work and was told to come back for the night trick Tuesday night, October 19, 1915, which he did and was put to work in _____ room under foreman E_____, wages about 24c per hour. The affiant states that after he had worked only a few nights, not over 5 or 6 nights E_____ came to him and demanded ten dollars which the affiant did not have and he was discharged, E_____ discharging him, and next day he got his time from D_____. The affiant further states that on or about the 19th day of February, 1916, the said GG_____ did

then and there threaten to kill the affiant if he told any of the circumstances regarding payment for job. This threat was made in the presence of the aforesaid HH_____."

No. 21

"_____, being duly sworn deposes and says that in the early part of May, 1915, he asked O_____ to see about getting him a job in the C. D. Co., _____, Ohio, and that said O_____ a little later told him that he had seen B_____ and that they should go to B_____ 's house to see about the job. The affiant further states that on or about May 8, 1915, he and O_____ went to B_____ 's farm and that said O_____ counted out twenty-two dollars and paid that amount to B_____ for a job for the affiant in the C. D. Co., _____, Ohio. The affiant further states that he was present and saw the money paid by O_____ to B_____. He also states that O_____ had agreed to pay the money out of his funds (O_____ 's) and that the affiant would repay him when he got the job. After the money was paid, B_____ told the affiant to come to the C. D. Co., the next Monday morning and they would call him out 'II_____', because his name (JJ_____) was too long. The affiant states that on the next Monday morning he went to the C. D. Co., and the man with the big nose gave him a card and he went to work in the C. D. Co., and that he is still working there and that his check number is _____. The affiant states that he had understood that a job could be secured for twenty dollars, but that P_____ who worked in the C. D. Co., told O_____, so he was informed by said O_____, that he had better pay two dollars more and then he would get a job quicker."

No. 22

"_____, being duly sworn, deposes and says that on or about October 1, 1915, her husband KK_____ had not been working for several months, and that at that time N_____ was living on _____ street, _____, Ohio, and the affiant states N_____ had previously boarded with her, and as she heard that she could get work for her husband so she went to see N_____, who told her that he would get a job for her husband if she would pay him twenty dollars. The affiant states that on or about October 1, 1915, she paid twenty dollars to the said N_____ for a job for her husband KK_____ and that her husband got a job a few days later in _____ department, wages 25c per hour."

No. 23

"_____, being duly sworn, deposes and says that on or about May 8, 1915, he went to the C. D. Co., and asked the assistant

foreman named "F" for a job in department _____. "F_____ " told me that I would have to pay sixteen dollars to him and he would give it to A_____, and he (A_____) would put me to work. F_____ and I then went to the home of A_____ on _____ Avenue, _____, Ohio, and F_____ talked to A_____ who went with us to a saloon near A_____ 's home, where I paid sixteen dollars to F_____ who handed this to A_____ while we were in the saloon. I was compelled to treat the crowd which cost me eight dollars in addition to the sixteen dollars already paid. In about six days I went to the C. D. Co., and got a ticket from F_____ and then went to A_____ who put me to work. The affiant further says that when he had worked about two months F_____ came to him and said that A_____ sent him to get sixteen dollars more or I would lose my job. I am married and have a wife and three children to support so I could not afford to pay the second time, therefore I was compelled to quit my job."

No. 24

"_____, being duly sworn, deposes and says that on or about October 28, 1913 he came to America from Russian, Poland, and that he boarded with his brother-in-law, LL_____. He wanted work and the next day the affiant states that he and LL_____ and I_____ went to the home of A_____ and arranged for a job in the C. D. Co., and that he gave ten dollars to his brother-in-law LL_____, and in a few days he secured a job in the C. D. Co., department _____, wages 25c per hour, check _____, and that he is still working there. The affiant states that on the day they went to A_____ 's home that Q_____, B_____ and A_____ were all there and that they bought whiskey, beer and cigars and they all drank and smoked while there."

No. 25

"_____, being duly sworn, deposes and says that on or about March 20, 1915 he went to see C_____ at his home on _____ street, _____, Ohio, about getting a job at the C. D. Co. The said C_____ told him that there was no work at present but that later on he could get a job. The affiant states that at this time C_____ told the affiant that everybody that got a job at the C. D. Co., paid fifteen dollars for the job and then took him to a place where there was a foundation to dig and asked the affiant to help him dig the foundation. The next day they dug the foundation and in the evening A_____ came and looked at the job and then the affiant knew that the work was being done for the said A_____.

The affiant further states that on or about March 21, 1915 he went to the home of C_____ and then and there paid fifteen dollars

(\$15.00) to the said C _____, and two days later, on or about March 23, 1915, the affiant secured a job at the C. D. Co., and went to work in department _____, wages 25c per hour, check _____ and is still working there.”

No. 26

“_____, being duly sworn, deposes and says that on or about May 10, 1915 he went to see H _____ about a job at the C. D. Co., and from that date until June 4, 1915 he saw H _____ several times and did not get work. The affiant states that other men had told him if he paid H _____ he would get a job. So on or about June 3, 1915 he paid the said H _____ twenty dollars and on June 4, 1915 he was told by H _____ to come to the C. D. Co’s., office and the affiant did so and while the affiant was standing outside the office H _____ and A _____ were inside the office. The affiant was called into the office by A _____ who gave him a card and put him to work in department _____, wages 25c per hour, check _____. The affiant states that when he paid the twenty dollars on June 3, 1915 he and H _____ and A _____ and two men whose names are unknown to the affiant went to a saloon on _____ street, and the affiant bought drinks and spent about 50 cents in said saloon.”

No. 27

“_____, being duly sworn, deposes and says that for several months prior to July, 1915 he had been trying to get a job at the C. D. Co., without success. About July 15, 1915 some men who worked at the C. D. Co., told the affiant that if he expected to get a job there he certainly would have to pay for it. The affiant states that on or about July 31, 1915 he saw H _____ and told him he wanted a job at the said C. D. Co., and gave H _____ twenty dollars and the following Wednesday on or about August 4, 1915, he met H _____ on the street and they both went to a saloon on _____ street and they had a drink and H _____ gave the affiant a card and the affiant went to the factory and got a job in department _____, wages 25c per hour, check _____, and he worked under A _____.”

No. 28

“_____, being duly sworn, deposes and says that he was employed by the C. D. Co., and had two brothers, namely, MM _____ and NN _____, who were unemployed for about seven months. He tried in vain to get work for them at the C. D. Co., and on or about May 26, 1915 he paid fifteen dollars (\$15.00) to N _____ to get a job for his brother NN _____. The same evening N _____ and NN _____ met F _____ in a

saloon, corner _____ and _____ streets, and the latter took said NN _____ to A _____'s home to get work for him. About four days later NN _____ secured employment in dept. _____ at 24c per hour under the name of _____ and is still working there.

Affiant also states that on or about August 28, 1915 he gave fifteen dollars (\$15.00) to said N _____ for a job for his brother MM _____. By arrangement F _____ met MM _____ and N _____ at the corner of _____ and _____ streets and took MM _____ to the home of A _____ to secure a job for him. A few days later MM _____ went to work in dept. _____ at 25c per hour under the name of _____ and is still working there."

No. 29

"_____, being first duly sworn, deposes and says that on or about the 15th of September, 1914, he spoke to N _____, N _____ boarded at my home on _____ street, about work at the C. D. Co., as I was a married man and had to have work. N _____ said, 'It will take money to get you in the C. D. Co., I will see the foreman, but without money he will not get you work.' So on or about the 12th of October, 1914, N _____ said, 'Tonight he will see the foreman.' He said it will cost you \$10.00 N _____ further said, we must be careful in paying the money so no one finds it out. He don't want to get into trouble. So N _____ and myself went to _____ saloon on _____ street, there we met F _____; we sat at the table and drank a glass of beer and I then and there paid N _____ the \$10.00, he (N _____) turned and paid it to F _____ and F _____ immediately took me over on _____ Ave., to A _____'s house. F _____ rapped at the door and A _____ came out and stood on the porch. F _____ shook hands with him and introduced me to A _____. A _____ asked me if I could talk English. I said, 'A little bit, I understand.' 'Well, you can come to work tomorrow morning.' F _____ turned to me and said, 'Now you see how it's done, you see how I had to pay that \$10.00 to A _____. The next morning I called at the C. D. Co., and found that A _____ was sick, so I called on or about the 14th or 15th likewise. On the morning of (on or about) the 16th of October, 1916 A _____ came out in front of the C. D. Co., and took me to the time office and then put me to work, where I am still working."

No. 30

"_____, being duly sworn, deposes and says that on or about July 7, 1915 he arrived in _____, Ohio from _____,

Ill., and that OO_____, a man he knew from the Old Country, told him that he could get work in the C. D. Co., but that it would cost him money. On or about July 8, 1915, OO_____ took me to K_____'s house to see about getting a job in the C. D. Co., OO_____ had a talk with K_____ and K_____ told him that I could get work, but that it would cost me \$15 which I would have to pay him (K_____), and he would then pay the money to the foreman A_____. The affiant thereupon paid \$15 to OO_____, who in turn paid the money in my presence to K_____ for a job for the affiant in the C. D. Co., in _____, Ohio.

The affiant states that the next morning K_____ took him to the C. D. Co., and also took him to that factory on two other days and that he saw K_____ talking to a man who K_____ told him was the foreman A_____. The affiant states that on or about July 14, 1915, PP_____ took him to the factory to foreman A_____, but that he did not give him work."

No. 30 A

"_____, being duly sworn, deposes and says that on or about July 8, 1915, OO_____ brought to his house one QQ_____ and asked him if he could get a job for QQ_____ in the C. D. Co., _____, Ohio. The affiant states that he told OO_____ that he QQ_____ could get a job in the C. D. Co., but that he would have to pay him (K_____) fifteen dollars and that he (K_____) would have to pay that amount to foreman A_____ for a job for QQ_____ in the C. D. Co. The affiant states that OO_____ then paid to him \$15.00 which QQ_____ had paid to OO_____ in the affiant's presence and that this money was paid for a job in the C. D. Co. The affiant states that he on or about July 8, 1915, took the said money amounting to fifteen dollars to the home of A_____ on _____ Ave., and paid it to him A_____ for a job for QQ_____ in the C. D. Co., _____, Ohio.

The affiant states that on or about July 9, 1915, and on two subsequent dates he took the said QQ_____ to the C. D. Co., to secure work for him, and that he saw A_____ and A_____ told him to send QQ_____ to work by PP_____. On or about July 14, 1915, and that he did send QQ_____ to the factory (C. D. Co.) by PP_____, but that he did not get work from foreman A_____, and that on or about July 15, 1915, he, the affiant, went to the home of A_____ and asked him why he did not give work to QQ_____, ('the man I sent to you'), and A_____ said, 'I cannot give work to such a

crazy fool as that for fifteen dollars, we cannot put such a fool as that to work for less than twenty-five dollars.' The affiant states that he told A—— that he would not give him any more money for a job for QQ——, and that if he was going to do that way he (the affiant) would not bring any more men to him."

No. 30 B

"——, being duly sworn, deposes and says that on or about July 14, 1915, he took QQ—— to the C. D. Co., ——, Ohio, and that he took the said QQ—— to foreman A—— and said to A——, 'This is the man my brother-in-law sent to you for you to give him work.' The affiant states that Foreman A—— said, 'All right,' but then asked can he (QQ——) talk English or German, and the affiant said "I do not know." Then he (A——) asked QQ—— in German, 'Can you talk in German', when QQ—— shrugged his shoulders and didn't say anything; then A—— said, 'Such a crazy fool, I don't need to work, can't talk English or German'. After that QQ—— went away and the affiant went to his work."

No. 31

"——, being duly sworn, deposes and says that on or about November 15, 1914, he went to the home of E—— on —— St., and wanted a job in the C. D. Co. The said E—— who is a night foreman in the —— room, said to me if I would give him thirty dollars he would give me a job. I then and there paid thirty dollars (\$30.00) to the said E—— in the presence of M——, but on account of some trouble between the night foreman E——, and the day foreman D——, I was not put to work until on or about the 14th day of June, 1915, when I was given a job in the —— room at night under foreman E——, and worked there to about December 20, 1915, when I was discharged by the night superintendent —— . At the time when he was discharged the affiant states that —— said to him, that because he had paid money for his job he could not work there. The affiant further states that he went to his partner M——, who took him to the C. D. Co., where they met ——, who interceded for me and succeeded in getting my job back, and I am still working in the —— shop running a drill press in dept. —— . This is where I was placed when I was reinstated."

No. 32

"——, being duly sworn, deposes and says that on or about the 15th day of May, 1914, he went to the home of E—— on —— St., to try and get work at the C. D. Co. The affiant

states that the said E_____ told him that he could not get work unless he paid for it. I then and there took twenty dollars (\$20.00) out of my pocket and gave it to the said E_____ in the presence of RR_____. After waiting several months during which time I went to the C. D. Co., regularly expecting work I again called on the said E_____, seeing him on or about September 1, 1914, at which time he told me I have not paid enough money as the people in the front part of the factory who got work paid twenty-five dollars (\$25.00). At E_____'s request I paid an additional ten dollars (\$10.00) on or about the tenth day of September, 1914, to the said E_____ in the _____ room at night, in which department the said E_____ is foreman.

The affiant further states that the said E_____ told him after he had paid him thirty dollars (\$30.00) that he could work at the C. D. Co., as long as the plant was operated.

The affiant states that he worked there over one year and at every pay day during this period he was compelled to buy drinks and treat the said E_____ and at times when he did not treat, he was given extremely heavy work, and when he stopped buying drinks and treating the said E_____ he was discharged, which was during the month of December, 1915."

No. 33

"_____, being duly sworn, deposes and says that on or about February 15, 1915, SS_____, came to him and wanted a job in the C. D. Co. The affiant states that he was working at the C. D. Co., at the time and had heard other workmen say that if anybody looking for work would see C_____ they could get a job by paying for it. The affiant took SS_____ to the home of C_____ on _____ street and asked for a job for SS_____ and then and there paid fifteen dollars to said C_____, and about one week later SS_____ went to the C. D. Co., with C_____ and got a job in dept. _____. The affiant states that on or about April 1st, 1915, TT_____ came to him and wanted work at the C. D. Co., so he took him to see C_____ and again paid fifteen dollars (\$15.00) to C_____, and in about three weeks TT_____ obtained work at said factory in dept. _____. The affiant states that on or about July 10, 1915 UU_____ came to him and wanted a job at the C. D. Co., so he took him to see C_____ and the affiant paid ten dollars (\$10.00) to C_____ and about two weeks later UU_____ got a job in dept. _____ at the C. D. Co. The affiant states that on or about October 10, 1915, he took VV_____ to see C_____ about a job in the C. D. Co., and the affiant then and there paid fifteen dollars (\$15.00) to the said C_____ and about one week later VV_____ got

work in dept. _____ at the C. D. Co. The affiant states that on or about November 25th, 1915, he took WW_____ to see C_____ about a job in the C. D. Co., and the affiant then and there paid fifteen dollars (\$15.00) and about three months later got a job in dept. _____ at the C. D. Co.

The affiant further states that he formerly lived at _____, Pa., and that all of the above people he knew while living there. On account of the factories closing down at _____ these people came to _____ and wanted him to help them get work. The affiant states that each of the aforesaid five persons which he took to C_____ had previously given him the amounts of money which he states he paid to the said C_____."

No. 34

"_____, being duly sworn, deposes and says that on or about September 15, 1915, he went to see XX_____ about getting a job in the C. D. Co., and that he then and there gave fifteen dollars (\$15.00) to the said XX_____, who then took him to see C_____ on _____ St., _____, Ohio. The said C_____ told the affiant that he would give him work as soon as he had a job open and that on or about January 31, 1916 the said C_____ took him to the C. D. Co., and he got a job in dept. _____, wages 25c per hour, check _____, and is still working there."

No. 35

"_____, being duly sworn, deposes and says that on or about April 1, 1915 he went to see XX_____ to have him help him get a job in the factory of the C. D. Co. The affiant states that when he saw XX_____ on or about April 1, 1915 he paid fifteen dollars to the said XX_____ and then they both went to see C_____ at his home on _____ St., _____, Ohio. When the affiant and said XX_____ were at the home of C_____ on April 1, 1915, the said XX_____ paid money to C_____ in the presence of the affiant. The affiant further states that on or about April 23, 1915, he got the job in the C. D. Co., and is still there, working in department _____, check _____. The affiant states he saw XX_____ pay fifteen dollars to C_____."

No. 36

"_____, being duly sworn, deposes and says that on or about October 20, 1915, he went to the home of H_____ on _____ St., _____, Ohio and asked H_____ to get him a job in the C. D. Co. The said H_____ told the affiant that he could get him a job, but that the affiant must pay him ten dollars

for said job. The affiant states that he then and there paid ten dollars to said H _____ in the presence of YY _____, for the job in said factory, and in about one month later he went to work in dept. _____, wages 25c per hour, check _____, and is still working there."

No. 37

"_____, being duly sworn, deposes and says that on or about January 15, 1915, he wanted a job in the C. D. Co., and tried, but found that he had to have a card to get work, so he and ZZ _____ went to see I _____, who agreed to get a job for the affiant for eleven dollars. The affiant states that they paid the eleven dollars to I _____ on or about January 15, 1915, the money being handed to I _____ by ZZ _____ in the presence of the affiant. In about two days the affiant states he got a job in the C. D. Co's., factory in dept. _____, wages 25c per hour, check _____ and is still working there."

No. 38

"_____, being duly sworn, deposes and says that on or about September 21, 1913, he wanted a job in the C. D. Co's., plant and that he went to see I _____ who told him that he would get him a job, but he must pay five dollars for the job. The affiant states that he then and there paid five dollars to the said I _____, in a saloon on _____ and _____ streets, for the job in the C. D. Co. Affiant states that when he went to see I _____ that L _____ was with him and that I _____ took them to the aforesaid saloon and left them there while he, I _____ went to bring A _____ to the saloon. The affiant says that in a short time I _____ and A _____ came to the saloon and the affiant spent about five dollars for drinks and talked to A _____ about the job. The affiant states that I _____ then told him that he must not forget to give him some money, so he then and there paid the aforesaid five dollars to I _____ and in about two days after that he got a job in the C. D. Co's., factory, dept. _____, wages 24c per hour, check _____ and is still working there."

No. 39

"_____, being first duly sworn, deposes and says that on or about October the 17th, 1915, he called upon L _____ and saw him about getting a job in the C. D. Co's factory. L _____ told me that he could get me work but that I must pay the foreman twenty-five dollars. I called every other day until about the 25th of October, 1915, when I borrowed twenty-five dollars from P _____ and paid it to L _____, who then and there gave me a slip and told me that I was to start work on the night shift. I called at

the C. D. plant the next night but did not get work. I called again the following morning, when my name was called and I was taken to the time office and given check No._____. I went to work in dept._____ under A_____, foreman, and am still working there."

No. 40

"_____, who being duly sworn, deposes and says that the latter part of September, 1913, he came to America from Russian Poland and arrived in_____, Ohio, about the last day in September, 1913. That on or about the last of October, 1913, he met I_____ and told him he wanted a job. I_____ took the affiant to a saloon where they met A_____ and the affiant gave \$6.00 or \$7.00, (the exact amount he does not remember), to I_____ and about three days later he got a job in the C. D. Co's factory. The affiant states that he has been working there continuously since that time and that during this period he has taken money from various persons for jobs in the C. D. Co's factory. In each and every case the money was turned over to some other person to secure said jobs for these people. The following persons paid the amounts stated and in each case the money was turned over to one J_____ with the understanding that he would get jobs for these men. AAA_____ and BBB_____ paid jointly fifteen dollars; CCC_____ paid ten dollars, DDD_____ paid ten dollars out of which the affiant and DDD_____ spent two dollars for drinks, the other eight dollars was turned over to said J_____. EEE_____ paid fifteen dollars, FFF_____ paid ten dollars, GGG_____ paid fifteen dollars and a man whose last name is HHH_____ paid fifteen dollars. All of the aforesaid money was turned over to J_____ except two dollars which was spent out of the money paid by DDD_____.

The affiant states that III_____ paid him five dollars and that he turned the same amount over to F_____ for a job for III_____, JJJ_____ paid seven dollars to the affiant and he turned same amount over to I_____ for a job for said JJJ_____. The affiant states that on or about January 25, 1916, he went to see A_____ about getting a job for KKK_____ who had previously paid fifteen dollars to the affiant. The affiant states that A_____ refused to take the money because there was another man present whose name the affiant does not know, but at the time the said A_____ told the affiant to never mind they would have a talk later on, but the affiant then dropped the fifteen dollars on the floor and does not know whether foreman A_____ picked it up. The affiant states that about three days later the said KKK_____ got a job in the C. D. Co's factory under foreman A_____. Affiant further states

on or about January 25, 1916, he gave five dollars to a man called LLL_____ (who is a son-in-law of foreman A_____) for a job for MMM_____. The affiant states that this five dollars had been given him by JJJ_____ who told the affiant that MMM_____ had paid ten dollars to him for a job. The aforesaid LLL_____ took the money when I paid it to him on or about January 25, 1916, and about two weeks ago on or about March 24, 1916, the said LLL_____ came to the affiant and gave the five dollars back, saying that he did not want to get into any trouble.

No. 41

"_____, who being duly sworn, deposes and says that on or about November or December, 1914, one, L_____, brought to him fifteen dollars which was collected jointly from one, AAA_____, and one, BBB_____, five dollars of which was spent for drinks and the remaining ten dollars was given by the affiant to A_____ to procure employment for the said AAA_____ and BBB_____. On or about November or December, 1914, one, CCC_____, paid to L_____ ten dollars, which amount was paid to the affiant by L_____ and later given to foreman A_____ by J_____ to secure employment for the said CCC_____. That one DDD_____ paid eight dollars to L_____, who in turn gave same amount to J_____, three dollars of which was spent for drinks and the remaining five dollars paid to A_____, during May or June, 1915, for securing employment for said DDD_____. On or about May or June, 1915, one EEE_____ paid fifteen dollars to L_____, who in turn gave it to the affiant and he in turn paid it to A_____ for securing employment for EEE_____."

No. 42

"_____, being duly sworn, deposes and says that on or about August 2, 1915, he was hired as foreman in the _____ Dept. at the C. D. Co's factory. The _____ gave me the position and after I had worked about three days the _____ came to me and said that I ought to get some money from the men I hired, as we (meaning the _____ and foreman) had to live and wanted something to drink in the morning and evening. The _____ said that his brother was foreman in the _____ Dept. and if I did as they did and would be one of them I could get work for my boys at good wages and we would all make money and live good. The affiant further states that he told the _____ that he had been a foreman for the _____ works for ten years and had never taken a cent from any poor men wanting work and would not do so now and resigned his position at once."

No. 43

"_____, being duly sworn, deposes and says that on or about January 1, 1914 up to the present time he has taken money from a large number of men for jobs at the C. D. Co's., factory, _____, Ohio and in each and every case the money paid to the affiant was turned over to foreman A_____ to pay for jobs for men who had paid the affiant. The following is a list of some of the men who paid the affiant, and the amount paid by each: NNN_____ paid five dollars, OOO_____ paid six dollars, PPP_____ paid five dollars, QQQ_____ paid six dollars, RRR_____ paid nine dollars, SSS_____ paid ten dollars, L_____ paid seven dollars, PPP_____ paid ten dollars for AAA_____, and ten dollars for TTT_____, UUU_____ paid ten dollars, VVV_____ paid ten dollars, WWW_____ paid sixteen dollars for XXX_____, four dollars which was paid for drinks and twelve dollars of which was paid to foreman A_____. F_____ paid thirteen dollars for YYY_____ and of that amount four dollars was paid for drinks and nine dollars was paid to A_____. ZZZ_____ paid four or five dollars, LL_____ paid four or five dollars, AAAA_____ paid four dollars, BBBB_____ paid six dollars, L_____ paid money, the exact amount being unknown, N_____ paid eight dollars, OO_____ paid seven or eight dollars, ZZ_____ paid six dollars, CCCC_____ paid ten dollars, DDDD_____ paid seven dollars, EEEE_____ paid six dollars, FFFF_____ paid ten dollars, GGGG_____ paid ten dollars, HHHH_____ paid fourteen or fifteen dollars, N_____ paid nine dollars for a job for III_____. The affiant further states that JJJJ_____ has put money in his drawer at the C. D. Factory for a job in said factory for said men. The money paid is stated following the names of the men: KKKK_____ paid fifteen dollars, LLLL_____ paid sixteen dollars, MMMM_____ paid fifteen dollars, all of which was turned over to foreman A_____. JJJJ_____ also paid the affiant twenty-five dollars for a job for NNNN_____, and the affiant paid sixteen or seventeen dollars of this to foreman A_____, the difference between what was paid to the affiant and what he turned over to foreman A_____ was spent by the affiant and JJJJ_____ with A_____ for drinks. The affiant states that during the aforesaid period there were others that paid him money but that he does not at this time remember the names or amounts paid, but that in every case the money was paid to A_____ in return for jobs for the men that had paid the affiant, except that possibly in a few cases a small part of the money was spent for drinks."

APPENDIX C.

(In these affidavits, Nos. 44 to 49, the company is referred to as the E. F. Co., and each individual is referred to by a letter or combination of letters.)

No. 44

"_____, being duly sworn, deposes, and says that on or about October 6, 1914, he went to the E. F. Co's. plant to get a job. He saw A_____, yardmaster for the E. F. Co., and asked for work and was told by the said A_____ that if he could pay a fee of five dollars he would give him a job. He then and there paid five dollars to the aforesaid A_____ and went to work. The affiant further states that on or about November 15, 1915, he again went to see the said A_____ for a job and was again told he could get a job by paying a fee of five dollars to the said A_____. The affiant states that he again paid five dollars to the said A_____ and went to work and worked for the next succeeding two and one half months."

No. 45

"_____, who being duly sworn, deposes and says that on or about October 15, 1914, he went to the E. F. Co's. plant in _____ Township, _____ County, State of Ohio, to see about getting work. I saw B_____ who was a foreman and he told me I would have to give him five dollars before I could get a job. I paid five dollars to B_____ and he put me to work. The affiant further states that he was told that if he did not pay this fee of five dollars he would not get a job. I worked during the 1915 campaign but was not charged a fee, because I had a card from the office."

No. 46

"_____, who being duly sworn, deposes and says that on or about November 10, 1914, he went to E. F. Co's. plant in _____ Township, _____ County, Ohio, to get a job. He saw C_____ assistant yardmaster for the aforesaid E. F. Company and asked him for a job, and the said C_____ told him that if he could pay a fee of ten dollars he would give him a job. He then and there paid ten dollars to the said C_____ and was given a job in the plant of the aforesaid E. F. Company for which he received 20c per hour."

No. 47

"_____, who being duly sworn, deposes and says that on or about October 15, 1914, he asked B_____ foreman for the E.

F. Company for a job for himself and D———. The said B——— told me that if I would give him ten dollars he would give both of us a job. I paid ten dollars to the said B——— on or about October 15, 1914, at the E. F. Co's. plant of ——— in ——— Township, ——— County, Ohio, and myself and D——— went to work same day I paid the ten dollars to B———. We both worked during the 1915 campaign, but did not have to pay for our jobs as we had cards from the office. The reason I paid the said B——— was because we wanted work and could not get a job unless we paid."

No. 48

"———, who being duly sworn, deposes and says that on or about October 15, 1914, he went to the E. F. Co's. plant with E——— to try and get a job. We saw B——— a foreman for the above said E. F. Company and he told us that we could get a job if we paid him five dollars apiece. E——— gave him ten dollars and we both went to work and I afterwards paid my five dollars to the said E——— to reimburse him for paying for my job. The affiant further says that the said B——— told him that we could not get a job unless we paid this fee of five dollars each for the job."

No. 49

"———, who being duly sworn, deposes and says that on or about November 15, 1914, he applied for a job to B——— at the E. F. Company's plant. Being unable to speak English he talked to F——— who could speak Bulgarian and English and who was present when he tried to get a job from B———. F——— explained to B——— that I wanted a job, and B——— told him to ask me for five dollars. That he had a job if I would give B——— five dollars which I did. I paid this money to B——— on or about November 15, 1914, and went to work. After I had worked three days F——— came to me and told me that I would have to pay B——— another fee of five dollars or I would be discharged as one of the other men had paid B——— twenty dollars and if I wanted to keep my job I must pay him an additional five dollars. I paid the second five dollars to B——— on or about November 18, 1914, and was allowed to continue work."

APPENDIX D.

LAW RELATING TO PRIVATE EMPLOYMENT AGENCIES AS FOUND IN THE GENERAL CODE OF OHIO.

(All duties, liabilities, authority, powers and privileges conferred and imposed by law upon the * * * Commissioner of Labor Statistics, Special Agents of the Commissioner of Labor Statistics * * * are hereby imposed upon the Industrial Commission of Ohio and its deputies on and after the first day of September, 1913. General Code, Sec. 871—24.)

SECTION 886. No person, firm or corporation shall open, operate or maintain a private employment agency for hire, or in which a fee is charged an applicant for employment or an applicant for help, without obtaining a license from the commissioner of labor statistics, and paying to him a fee according to the population of the municipality as shown by the last preceding federal census, viz.:

In cities of 50,000 and upward.....	\$100 00
In cities of 16,000 to 50,000.....	75 00
In cities of less than 16,000.....	50 00
In villages	25 00

The commissioner may refuse to issue or renew a license to a applicant, if in his judgment, such applicant has violated the law relating to private employment agencies, or is not of good moral character. (97 v. 485 §1.)

SECTION 887. Each license to conduct a private employment agency shall contain the name of the city or village, the name of the street and the number of the building in which such licensed person, firm or corporation may conduct a private employment agency. The license together with a copy of the laws relating to private employment agencies shall be posted in a conspicuous place in such agency. No agency shall print, publish or paint a name similar to that of a free public employment office on a sign, or window, or insert it in a newspaper or other publication. (97 v. 485 §1.)

SECTION 888. The commissioner of labor statistics shall require from each applicant for a license a bond to the state in the sum of five hundred dollars, with one or more sureties approved by the commissioner and conditioned from the compliance of such applicant with the provisions of the laws relating to private employment agencies. For a violation of its conditions, the commissioner shall cause a proper action to be brought for the forfeiture of such bond, and upon full hearing may revoke a

license if in his judgment the person licensed has violated the laws relating to private employment agencies. (97 v. 485 §1.)

SECTION 889. The person in charge of each licensed agency shall keep a register in which shall be entered the name and address of each person applying for employment or help and the name and nature of the employment desired or help wanted. Such register shall be open to the inspection and examination of the commissioner of labor statistics or his agents at all reasonable hours. (97 v. 485 §1.)

SECTION 890. When a registration fee is charged for receiving or filing applications for employment or help, it shall not exceed two dollars, for which a receipt shall be given containing the date, name of applicant, amount of fee and character of employment or help desired. If the applicant does not obtain a situation or employment through the agency within one month after registration, and makes a demand therefor within thirty days after the expiration of such period, the fee paid by him shall be returned to the applicant by the person in charge of the employment agency. (97 v. 485 §1.)

SECTION 891. No person connected with a private employment agency shall send a female or cause her to be sent to a place of bad repute, house of ill-fame or assignation house, or a house or place of amusement kept for immoral purposes. (97 v. 485 §1.)

SECTION 892. No licensed agency shall publish or cause to be published a false or fraudulent notice or advertisement, or give false information or make a false promise relating to work or employment, to a person applying for employment or help, or make false entries in the register required by law to be kept in such agency. No person, firm or corporation shall conduct the business of an employment agency in or in connection with a place where intoxicating liquors are sold. (97 v. 485 §1.)

SECTION 893. Except an employment agency of a charitable organization, a person, firm or corporation furnishing or agreeing to furnish employment or help, or displaying a sign or bulletin, or offering to furnish employment or help through the medium of a circular, card or pamphlet, shall be deemed a private employment agency, and subject to the laws governing such agencies. (97 v. 487 §3.)

SECTION 894. The term "applicant for employment", as used in the laws governing private employment agencies, shall mean any person seeking work of a lawful character, and "applicant for help" shall mean any person seeking help in any legitimate enterprise. Nothing in such laws shall limit the meaning of the term "work" to manual labor, but it shall include professional service and all other legitimate service. All moneys received from fees and fines as provided by the laws governing private employment agencies, shall be paid into the state treasury by the commissioner of labor statistics in the manner provided by law. (97 v. 487 §4.)

SECTION 895. Whoever violates any provision of law relating to private employment agencies shall be fined not less than fifty dollars nor more than one hundred dollars for each offense. (97 v. 487 §2.)

SECTION 896. The commissioner of labor statistics shall enforce the laws relating to private employment agencies, and when informed of a violation of such laws, institute proceedings in a court of competent jurisdiction to enforce their penalties. (97 v. 487 §2.)

The Industrial Commission of Ohio

Department of
Investigation and Statistics

REPORT No. 25

STATISTICS —OF— MINES AND QUARRIES IN OHIO

1915



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INTRODUCTION.

This report presents Statistics of Mines and Quarries in Ohio for the calendar year 1915.

The first section of the report deals with coal mines and shows production, number of employes, days in operation, average wages, total annual wage and salary payments, and coal mine accidents.

The other five sections of the report deal with fire clay mines, gypsum mines, iron mines, limestone quarries, and sandstone quarries. The data shown are production, number of employes, days in operation, classified rates of wages, total annual wage and salary payments, and hours of labor per week.

All information concerning accidents in coal mines is from the claims filed under the Workmen's Compensation Act and the awards made by the Industrial Commission of Ohio under that law, with the exception of certain data relating to fatal accidents as noted in the report. All other information was furnished by the employers upon forms prepared by the Department of Investigation and Statistics. This form combined the information formerly collected on two separate forms by the Bureau of Mines and the Bureau of Labor Statistics.

In collecting the material for the present report, the Department of Mines has co-operated to the fullest extent.

Wages for 50,474 employes in mines and quarries in Ohio are shown in this report.

Rates of wages during 1915 for all other industries will be shown in Report No. 28, of the Department of Investigation and Statistics, now in process of preparation. An approximation at this time indicates that this report will show rates of wages for 919,333 employes.

Mr. John W. Dye had immediate charge of the examination and tabulation of the returns made by the employers of the State, and the report was prepared under the direction of Miss Edith M. Miller, Assistant Statistician.

FRED C. CROXTON,
Chief Statistician.

Columbus, Ohio.

June 27, 1916.

COAL

(9)

COAL MINES.

PRODUCTION.

During the year ending December 31, 1915, the coal mines of Ohio produced 22,627,046 tons (a) of coal.

The total production of bituminous coal and lignite for the United States during the year, according to figures furnished by the United States Geological Survey, was 442,624,426 tons. Ohio produced 5.1 per cent of the total bituminous coal mined in the United States in 1915, and 4.4 per cent of the total in 1914.

Compared with certain preceding years, the production for 1915 shows increases and decreases as follows:

20.8 per cent greater than in 1914.
37.6 per cent less than in 1913.
34.3 per cent less than in 1910.
12.4 per cent less than in 1905.
16.5 per cent greater than in 1900.

The average annual production for the five years, 1910 to 1914 inclusive, was 30,846,631 tons. The production for 1915 was, therefore, 26.6 per cent below the five year average.

Of the thirty coal producing counties, 18 showed gains in production as compared with 1914, while 12 showed decreases as compared with their production for the preceding year. Belmont County shows a gain of 1,779,731 tons, or 67.8 per cent over the production for the preceding year, while in Jefferson County the production increased 1,472,402 tons, or 71.2 per cent. The only significant loss was in Athens County, the decrease as compared with the production for 1914, being 878,264 tons, or 25.7 per cent.

Seven counties each produced more than one million tons of coal during the year, and together produced 17,722,431 tons, or 78.3 per cent, of the total coal product of the State. The number of tons mined in each

(a) The short ton of 2,000 pounds is used throughout this report, and all figures are for total production, including all grades of coal mined.

of the seven leading counties and the per cent of the total tonnage of the State produced by each was as follows:

County.	Tons produced in 1915.	Per cent of total tonnage of State.
Belmont -----	4,403,754	19.5
Jefferson -----	3,539,979	15.6
Guernsey -----	3,247,938	14.4
Athens -----	2,536,793	11.2
Hocking -----	1,421,117	6.3
Tuscarawas -----	1,400,163	6.2
Perry -----	1,172,687	5.2

The method of production was reported for 22,610,514 tons. Of this amount, 20,192,110 tons, or 89.3 per cent, were machine mined; 2,126,670 tons, or 9.4 per cent, were pick mined; and 291,734 tons, or 1.3 per cent, were produced by stripping. The proportion produced by pick mining decreased from 13.8 per cent of the total in 1914, to 9.4 per cent of the total in 1915.

The proportion machine-mined and the proportion pick-mined is shown below for certain years:

Year	Per cent Machine Mined.	Per cent Pick Mined.
1915 -----	(a) 89.3	(a) 9.4
1914 -----	(b) 85.4	(b) 13.8
1913 -----	89.8	10.2
1910 -----	87.4	12.6
1905 -----	73.6	26.4
1900 -----	48.7	51.3

Of the seven leading coal-producing counties, 99.6 per cent of the coal produced in Guernsey County was machined-mined, 98.6 per cent in Belmont County, 96.2 per cent in Athens County, 92.7 per cent in Hocking County, 89.3 per cent in Perry County, 88.8 per cent in Jefferson County, and 68.9 per cent in Tuscarawas County.

The schedule furnished by the operators for the year ending December 31, 1915, asked for data concerning the disposition of the coal produced during that year. Table 4, on page 33, gives the results of this inquiry by counties. Of the 22,627,046 tons produced during the year—

451,140 tons were used in the operation of coal mines.

950,050 tons were used in manufacturing processes carried on in connection with coal mines.

975,117 tons were sold to local trade (including tenants).

20,228,446 tons were sold into the shipping trade, and were shipped by rail or water.

The distribution of product was not shown for 16,532 tons.

(a) One and three-tenths per cent produced by stripping.

(b) Eight-tenths of one per cent produced by stripping.

MINING MACHINES.

There were 1,443 mining machines reported in use in Ohio in 1915, a decrease of 167 as compared with the preceding year.

Eleven hundred and thirteen of the machines were reported from the 7 leading coal-producing counties. Belmont County led with 334, and Jefferson was second with 216.

The average number of tons cut per machine for the year was 13,978 tons, an increase of 4,035 tons per machine, or somewhat less than one-half over the production per machine during 1914.

The number of tons cut per day per machine was slightly higher in 1915 than in 1914, being 102 tons per day, while in the preceding year the average number cut per day was 98.4 tons.

HAULAGE.

Animal haulage was reported by 424 mines, hand haulage by 247, motor by 110, motor and animal by 92, cable by 16, cable and animal by 21, and motor and cable by 10.

The number of haulage motors used showed a decrease as compared with 1914, 570 being reported, while in the preceding year 647 were reported as in use.

CHARACTER OF OPENINGS.

Of the 925 mines in operation during 1915, 697 were drift openings, 127 were slope openings, 89 were shaft openings, and 6 were of combined types, while 5 were stripping mines, and one mine did not report character of opening.

VENTILATION.

Classified by type of ventilation, 396 of the 925 mines in operation had natural ventilation and 523 had mechanical apparatus. One mine did not report character of opening, and 5 were stripping mines. The mines having natural ventilation were for the most part small mines. The number of mines reporting each type is shown below:

Type of Ventilation.	Number of Mines.
Natural	396
Fan	394
Furnace	157
Fire basket	30
Exhaust steam	6
Combination of two or more of preceding methods.....	36
Total	919

NUMBER OF EMPLOYEES.

The schedule used in 1915 called for the number of employes on the fifteenth of each month, or for the payroll nearest the fifteenth. It also asked for the average number of employes, by occupations, with average rate of wages per day for each occupation. Not all employers who reported the average number of employes and wages, reported the number of employes on the fifteenth of each month and although the schedule asked for the *average* number of employes in each occupation, practically all operators instead of reporting the average number for 1914, reported what might be called a *normal* working force, that is, they reported the number of employes required in each occupation, in order to fully man the mines.

Forty-one thousand, four hundred and thirty employes were reported engaged in coal mining in Ohio in 1915.

Compared with the five preceding years, the per cent of decrease was as follows:

- 11.8 per cent less than in 1914.
- 14.4 per cent less than in 1913.
- 12.3 per cent less than in 1912.
- 14.4 per cent less than in 1911.
- 15.2 per cent less than in 1910.

One hundred or more employes were reported from each of 22 counties, while the four counties of Belmont, Athens, Jefferson, and Guernsey reported together 24,903 employes, or 60.1 per cent, of the total number of persons employed in coal mines in the State.

Of the total of 41,430 employes, 3,882 were employed in pick mines, and 37,548 were employed in machine mines. Employes in pick mines constituted 9.4 per cent of the total number of employes, while in 1914, 11.0 per cent of the employes in coal mines were reported from pick mines.

The 41,430 employes in coal mines were distributed by main occupation groups as follows:

Occupation.	Number of employes in		Total.
	Pick mines.	Machine mines.	
Pick miners	3,067	545	3,612
Machine runners and helpers .....	.....	3,154	3,154
Loaders (including drillers and shooters) .....	.....	23,976	23,976
Inside day hands	541	6,600	7,141
Outside day hands	274	3,273	3,547
Total	3,882	37,548	41,430

DAYS WORKED.

The pick miners employed in pick mines averaged 168 working days each during 1915, as compared with 150 days during 1914.

The irregularity of employment during the year is shown by the following table, which summarizes the data shown by counties, in Table 18, on page 42. Of the 3,067 pick miners in pick mines—

372, or 12.2 per cent, worked less than 50 days.
323, or 10.5 per cent, worked 50 but less than 100 days.
550, or 17.9 per cent, worked 100 but less than 150 days.
566, or 18.5 per cent, worked 150 but less than 200 days.
490, or 16.0 per cent, worked 200 but less than 250 days.
526, or 17.2 per cent, worked 250 but less than 300 days.
240, or 7.8 per cent, worked 300 days or more.

The loaders in machine mines averaged 137 working days each, as compared with 101 days during 1914. The following table summarizes for loaders the information given in detail by counties in Table 18, page 42, with regard to days worked. Of the 23,976 loaders reported as employed at some time during the year—

3,430, or 14.3 per cent, worked less than 50 days.
2,908, or 12.1 per cent, worked 50 but less than 100 days.
7,305, or 30.5 per cent, worked 100 but less than 150 days.
5,756, or 24.0 per cent, worked 150 but less than 200 days.
4,106, or 17.1 per cent, worked 200 but less than 250 days.
427, or 1.8 per cent, worked 250 but less than 300 days.
44, or 0.2 per cent, worked 300 days or over.

FLUCTUATION OF EMPLOYMENT.

Eight hundred twenty-seven mines, reported the number of employees on the fifteenth of each month, or for the payroll nearest the fifteenth. The following table compares the fluctuation of employment by months, during 1915, as reported by 827 mines, with the fluctuation for 1914, as reported by 795 mines:

Month.	Number of employees, 1914. (795 mines)	Number of employees, 1915. (827 mines)
January	43,099	26,788
February	43,182	25,917
March	43,190	25,049
April	6,041	25,316
May	5,847	23,233
June	5,331	27,849
July	9,537	29,174
August	21,973	29,007
September	26,403	31,818
October	28,200	33,379
November	27,639	35,389
December	28,319	36,477

The month of maximum employment during 1915 was December, when the 827 firms who reported had on their payrolls 36,477 men, while the month of minimum employment was May when 23,233 men were in their employ. The minimum number employed represents a variation from the maximum of 13,244, or 36.3 per cent.

TONNAGE PER EMPLOYEE.

During 1915, the average production per pick miner in pick mines was 591 tons, while in 1914 the average per pick miner for the year was 508 tons. The average production per machine runner or helper for 1915 was 6,395 tons, as compared with 4,564 tons for 1914, while the average annual production per loader (including drillers and shooters) increased from 622 tons in 1914 to 841 tons in 1915.

The production per employee per day, however, shows very little variation from preceding years. The average number of tons mined per day per pick miner in pick mines was 3.5 tons, while the production per day for 1914, was 3.3 tons per pick miner. The average production per day for machine runners and helpers was slightly higher for 1915 than for 1914, being 46.7 tons as compared with 45.2 tons for 1914, while the daily output per loader (including drillers and shooters), was exactly the same for 1915 as for 1914, being 6.1 tons per day for each year.

AVERAGE WAGES.

The schedules furnished by operators for 1915 included data as to the average wages paid to employees in coal mines by occupation. Every effort was made to secure accurate data, but considerable difficulty was encountered in securing exact information for certain occupations, particularly loaders. The best that could be done was to base loaders' wages on gross earnings, which includes the amount paid for loading, shooting, and drilling, together with the amount paid for "dead work." The average wage paid pick miners in the wage table below, and in the detailed table by counties is the average both for pick miners in pick mines and in machine mines. The following table shows by occupations the average wages as reported for 1915, while the same information by counties will be found in Table 22, pages 47 to 51.

**AVERAGE WAGES OF EMPLOYEES IN COAL MINES, BY OCCUPATION,
FOR THE YEAR ENDING DECEMBER 31, 1915.**

Occupation.	Number of employees.	Average rate of wages per day.
Pick miners	3,612	\$2.72
Machine runners and helpers.....	3,154	4.11
Loaders (including drillers and shooters).....	23,976	2.75
Track layers	600	2.77
Tracklayers' helpers	273	2.62
Trappers	769	1.30
Bottom cagers	191	2.77
Drivers	2,040	2.75
Snappers	51	2.79
Trip rope riders.....	72	2.82
Water haulers.....	91	2.79
Machine haulers	47	2.84
Timbermen	555	2.79
Pumpers	244	2.61
Pipemen	4	2.68
Electricians	196	3.22
Electricians' helpers	122	2.79
Motormen	555	2.82
Motormen's helpers	346	2.76
Other inside day labor.....	987	2.67
Engineers	367	2.82
Firemen	235	2.49
Dynamo men.....	23	3.00
First blacksmith	253	3.02
Second blacksmith	83	2.85
Blacksmiths' helpers	39	2.57
Carpenters	171	2.73
Dumpers	337	2.43
Trimmers	728	2.46
Greasers	118	1.85
Couplers	150	2.02
Stable boss	151	2.06
Other outside help.....	836	2.37

TOTAL WAGE AND SALARY PAYMENTS.

The total wage and salary payment for the 827 mines reporting on that point for the year 1915, aggregated \$18,154,682. Of this amount, \$17,855,984, or 98.4 per cent, of the total payroll went to wage earners, exclusive of office employees, while \$298,698, or 1.6 per cent, of the total, went to pay the clerical office force. Salaries paid superintendents were excluded from the payroll as reported by the operators.

NUMBER OF ACCIDENTS.

The Workmen's Compensation Act of Ohio is compulsory for all employers of five or more persons in the State, and the claims filed with the Department of Claims of the Industrial Commission thus include those filed for injuries received in all coal mines of the state, where five or more persons are employed.- After claims have been heard and allowed by the Industrial Commission, they are analyzed and tabulated by the Department of Investigation and Statistics.

In accordance with the provisions of the General Code of Ohio, all fatal accidents are reported immediately after occurrence to the Chief

Inspector of Mines, and all such accidents are investigated by him. The number of fatal accidents reported to him is the number for the calendar year, and it also includes fatal accidents in mines employing less than five persons. The number of fatal accidents analyzed and tabulated by the Department of Investigation and Statistics, however, is the number for which *awards* were made during the statistical year regardless of the date of occurrence of the accident.

During the calendar year 1915, 63 (a) fatal accidents were reported to the Inspector of Mines. This number includes 23 accidents which were not tabulated by the Department of Investigation and Statistics. Of these—

13 were not passed upon and awards made until 1916 (b).

5 were still pending before the Industrial Commission when the present report was closed.

4 occurred in mines employing less than 5 persons, and the Workmen's Compensation Act, therefore, did not apply to them.

1 occurred in a mine which employed 7 persons, but which had not complied with the Workmen's Compensation Act. No claim in this case was filed under Section 27 of the Act.

During the year 1915, 48 fatal accidents for which awards were made, were tabulated by the Department of Investigation and Statistics.

During the same period, 4 claims for awards in fatal cases were disallowed. In each case, the cause of disallowance was the fact that according to the evidence presented, death was due, not to injury in the course of employment, but to natural causes.

The 48 awards made during the year ending December 31, 1915, include 8 awards which were made for deaths which occurred during 1914, these accidents having been reported to the Inspector of Mines during that year. Thus, there is a difference of 15 fatal accidents between the data secured through the two sources. The large number of claims for fatal accidents which occurred in 1915, but which were not heard until 1916, is due to the fact that the activity in the coal industry of the State increased late in the year, and a considerable number of fatal accidents, therefore, occurred near its close, and were necessarily heard in 1916.

In those tables where tonnage and number of employes are correlated with deaths, 63 (a) the number reported during the calendar year to the Inspector of Mines, has been used. In the other tables, 48, the number for which awards were made during 1915, has been used.

(a) Including 1 fatal accident which occurred in connection with the sinking of a shaft, and which was not tabulated by the Inspector of Mines as a mine accident.

(b) Not including 3 fatal accidents which occurred during 1915, but which were not passed upon until 1916, and which were disallowed because they were not industrial accidents.

All data appearing in this report as to the number of non-fatal accidents are based upon claims approved by the Industrial Commission and tabulated by the Department of Investigation and Statistics. During 1915, 2,728 awards were made for non-fatal accidents.

ACCIDENTS IN RELATION TO NUMBER OF MEN EMPLOYED AND TONS OF COAL PRODUCED.

The important question with regard to accident data is whether the number of accidents is increasing or decreasing when considered in relation to the number of men exposed to risk. The only really accurate measure is the number of accidents per hours exposure, or the so-called "man-hour" unit of European accident statistics. The mining industry, however, because of the nature of the work is extremely difficult to measure by this standard, and data are not available for it. The only measure which we have is the number of men employed per accident, and the number of tons of coal mined per accident, these comparisons being limited to fatal accidents as reported to the Division of Mines, and to accidents resulting in disability of more than three weeks as tabulated from claims allowed by the Department of Investigation and Statistics.

Conditions in the coal industry of the state and the completeness of accident reports must be taken into consideration in interpreting the accident data for 1915. Taking up first the question of the frequency of fatal accidents, we find that while in 1914 one man was killed to every 770 ^(a) men employed, in 1915 one man was killed to every 658 men employed. On the coal schedule for 1915, operators were asked to report by occupations, the *average number* of employes, and it is on this figure that the number of employes in relation to tonnage is based. As elsewhere noted, however, in practice the operators reported the *normal number*, the total number of employes reported being below the figure for 1914. By reference to the number of days worked by pick miners and by loaders, as shown in Table 18, page 42, it will be seen that while pick miners averaged 150 working days in 1914, in 1915 they averaged 168 days. In 1914, loaders averaged 101 days, while in 1915, their average working time was 137 days. Thus, the actual exposure to risk

(a) Three deaths occurred during 1915, which were the results of accidents occurring in 1914, but which were not included in the fatal accidents as reported for that year. These three deaths have been added to the total for 1914, thus raising the number of fatal accidents from 58, as published in Report No. 19, Department of Investigation and Statistics, "Statistics of Mines and Quarries in Ohio, 1914," to 61, and reducing the number of employes per fatal accident for that year from 810 to 770.

was increased in proportion to the lengthened working time, and no exaggerated importance must be attached to the fact that 1 man out of every 658 was killed.

The tonnage basis is a somewhat fairer one by which to judge accident frequency. During 1915 one fatal accident occurred to every 359,159 tons of coal mined, while in 1914, one such accident occurred to every 307,154 (a) tons of coal. The tonnage per fatal accident was the highest since 1893.

As elsewhere noted, data concerning non-fatal accidents as tabulated by the Department of Investigation and Statistics are used throughout this report, while prior to 1914, the reports of non-fatal accidents as made on the monthly ventilation report to the Inspector of Mines were used. This accounts for what would otherwise appear to be an appalling increase in accidents resulting in disability of more than three weeks during 1914 and 1915, as compared with preceding years. Fatal accidents in coal mines have been well reported for many years both because of a determined effort on the part of the Inspector of Mines to enforce the law requiring reports of fatal accidents and because such accidents attract so much community attention that their occurrence is practically certain to become known to the Inspector of Mines, even if a mine superintendent should fail to report a fatal accident. The case was different, however, with regard to non-fatal accidents. These accidents were not reported to the Inspector of Mines immediately after occurrence, but once a month, and no particular pressure was exerted to secure reports of all accidents. In order to secure compensation, however, a claim must be filed and, thus, automatically, the Department of Investigation and statistics receives for tabulation and analysis, reports of many more non-fatal accidents than were formerly reported to the Inspector of Mines.

(a) Three deaths occurred during 1915, which were the results of accidents occurring in 1914, but which were not included in the fatal accidents as reported for that year. These three deaths have been added to the total for 1914, thus raising the number of fatal accidents from 58, as published in Report No. 19, Department of Investigation and Statistics, "Statistics of Mines and Quarries in Ohio, 1914," to 61, and reducing the number of employees per fatal accident for that year from 810 to 770.

In 1915, reports were received of 1,142 accidents causing disability of more than three weeks, while in 1914, 901 (a) such accidents were reported. In 1915 there was one such accident to every 36 men employed, and to every 19,814 tons of coal mined, while in 1914 there was one accident resulting in a disability of more than three weeks to every 52 men employed, and to every 20,795 (b) tons of coal mined. Comparison of the figures for 1914 and 1915, with previous years has no significance, for reasons already stated.

AWARDS UNDER THE WORKMEN'S COMPENSATION ACT.

During the twelve months ending December 31, 1915, the claims of 2,778 injured coal mine employes, or of families of deceased employes, were allowed by The Industrial Commission of Ohio under the Workmen's Compensation Act, and additional allowances were made on 73 claims adjudicated prior to January 1, 1915. The total amount awarded was \$242,451.41. This amount does not include the cost of medical and hospital attention in establishments where the employer carried self-insurance under the State Plan, and was, therefore, required to furnish medical and hospital attention to injured employes without expense to the employe.

Awards in new cases were made during 1915, for—

- 48 fatal accidents.
- 2 accidents resulting in permanent total disability.
- 67 accidents resulting in permanent partial disability.
- 2,661 accidents resulting in temporary disability.

(a) Three deaths occurred during 1915, which were the results of accidents occurring in 1914, but which were not included in the fatal accidents as reported for that year. These three deaths have been added to the total for 1914, thus raising the number of fatal accidents from 58, as published in Report No. 19, Department of Investigation and Statistics, "Statistics of Mines and Quarries in Ohio, 1914," to 61, and the number of tons of coal mined per fatal accident, for that year has been reduced from 323,042 tons to 307,154 tons.

(b) Three accidents occurring in 1914 and included in Report No. 19, Department of Investigation and Statistics, entitled "Statistics of Mines and Quarries in Ohio, 1914," with accidents resulting in temporary disability of more than three weeks, resulted fatally during 1915, and were added to the fatal accidents for 1914. The number of employes, and number of tons of coal mined per accident of this class have been revised accordingly.

The awards for these 2,778 accidents aggregated \$220,060.28. The distribution of these awards was:

\$88,892.00 for death benefits.

103,889.46 for compensation.

(a) 21,422.50 for medical and hospital expenses.

5,856.32 for funeral expenses.

During the year ending December 31, 1915, 73 claims adjudicated prior to January 1, 1915, received additional awards amounting in the aggregate to \$22,391.13. This amount includes death benefits, compensation, and medical and hospital bills. (a)

Four fatal cases received additional awards of \$7,134.91.

Three (b) permanent total disability cases received additional awards of \$1,499.16.

Six permanent partial disability cases received additional awards of \$6,686.06.

Sixty cases of temporary disability received additional awards of \$7,071.00.

Thus, coal mine accidents in a year when the output of the State was about two-thirds of the normal output, cost in actual money outlay a quarter of a million dollars. The amount of the awards does not indicate the total money loss from industrial accidents, as under the law, awards for compensation are made on the basis of two-thirds average earnings; no compensation is provided for the first seven days' disability in accidents causing temporary disability; and in fatal cases, the death benefit continues only six years, without regard to the age of the person fatally injured. In order, therefore, to determine the loss to the community from industrial accidents, it is necessary to determine the time lost by reason of such accidents.

TIME COST OF COAL MINE ACCIDENTS.

The time lost from coal mine accidents for which awards were made during the year can be computed approximately by combining the life expectancy of the men killed and of the two men who suffered permanent total disability, the number of days for which compensation was allowed under the Ohio law for the accidents causing permanent partial disability, and the number of days actually lost from accidents causing temporary disability.

In every fatal case, the age of the deceased was known, and computations of time lost were, therefore, based on 48 (b) fatal accidents, 2 accidents resulting in permanent total disability, 67 accidents resulting

(a) Exclusive of any additional expenditures for medical and hospital attention by employers who carry self-insurance under Section 22 of the Workmen's Compensation Act and who are required to furnish medical and hospital care without cost to the injured person.

(b) Two of the 3 cases had been carried as cases resulting in temporary total disability during 1914, but were determined to be cases of permanent total disability during 1915.

in permanent partial disability, and 2,661 accidents resulting in temporary disability.

Computed on the basis indicated, the time lost as a result of coal mine accidents for which awards were made during 1915, was equal to the entire time of 1,663 men for one year. Expressed in another way, the coal mine accidents in this year of small production resulted in a loss of time as great as though all the male wage earners of a town slightly larger than Nelsonville, had been laid off for a year.

FATAL ACCIDENTS.

The 48 fatal accidents for which awards were made during the year ending December 31, 1915, cost in death benefits, medical and hospital, and funeral expenses \$95,518.32 (a). Computations of life expectancy made on the basis of the Carlisle actuarial tables, show that these 48 lives cost the community in time lost a total of 1,329.44 years.

The 48 fatal accidents for which awards were made during this period were distributed by cause as follows:

Cause	No. of fatal accidents ascribed to each cause.
Falls of stone, slate, and coal (including falls of roof)-----	33
Mine cars and motors-----	10
Electricity -----	2
Explosion, powder -----	1
Miscellaneous causes -----	2
Total -----	48

Thus it will be seen that during the year, the heavily predominant cause of fatal accidents was falls of stone, slate and coal. Under this heading are included those accidents ascribed to falls of roof.

The causes of fatal accidents are shown in detail by counties in Table 29, pages 59 and 60.

(a) Exclusive of medical and hospital expenses paid by firms carrying self-insurance under the State Plan.

The distribution of the fatal accidents due to falls of stone, slate, and coal (including falls of roof) by counties is of some interest. The 33 accidents ascribed to this group of causes were distributed by counties as follows:

County.	No. of accidents ascribed to falls of stone, slate, and coal (including falls of roof.)
Athens -----	6
Belmont -----	5
Jefferson -----	5
Tuscarawas -----	3
Guernsey -----	2
Meigs -----	2
Noble -----	2
Perry -----	2
Columbiana -----	1
Coshocton -----	1
Hocking -----	1
Jackson -----	1
Lawrence -----	1
Summit -----	1
Total -----	33

ACCIDENTS RESULTING IN PERMANENT TOTAL DISABILITY.

Awards for two accidents resulting in permanent total disability were made during 1915.

The first of these accidents occurred in Athens County on December 8, 1914, but the first award was not made until January 1, 1915.

A mining machine, with bits set, was drawn up to the face of coal on a self-propelling truck. Some one neglected to shut off the current, and while unloading the machine the cable caught over the lever which started the machine. Injured was caught in the bits, drawn into the machine and both legs amputated. He was a young married man 22 years of age. A permanent total award at the rate of \$12.00 a week was granted. A lump sum payment of \$300.00 was made, still entitling him to compensation of \$11.75 per week for life.

The life expectancy of this man, according to the Carlisle Actuarial Tables, is 40.04 years. During 1915, compensation amounting to \$927.91 and medical and hospital expenses aggregating \$200 were paid.

The second accident resulting in permanent total disability occurred in Hocking County on March 17, 1915. This employe was injured in a mine while trying to board a motor trip. He fell under the car and both feet were amputated. He was 19 years old at the time of accident,

and was granted compensation for life at the rate of \$7.65 per week. His life expectancy, according to the Carlisle Tables, is 42.17 years. During 1915, compensation amounting to \$318.19 was paid. This man was in the employ of a firm which carries self-insurance under the State Plan. Therefore, the firm furnished medical and hospital service without expense to him.

ACCIDENTS RESULTING IN PERMANENT PARTIAL DISABILITY.

Sixty-seven awards for accidents resulting in permanent partial disability were made during the year ending December 31, 1915. The total amount awarded for these claims was \$33,654.90 (a). It is impossible for these cases to make any statement as to the actual loss of working efficiency resulting from a handicap which a man must carry through life. Awards are made for definite periods, according to the nature of the disability. The total number of days for which compensation was paid under the Ohio law was 23,167, or 63.47 years. The causes of these accidents are shown in detail by counties in Table 29, pages 59 and 60.

Of the 8 permanent partial disabilities resulting from accidents caused by falls of coal, of roof, and of draw-slate, 1 occurred in Belmont County, 1 in Guernsey County, 1 in Hocking County, 2 in Jefferson County, and 3 in Meigs County.

The losses sustained by employees who suffered permanent partial disability are shown below:

SUMMARY SHOWING LOSSES SUSTAINED BY EMPLOYEES IN INJURIES CAUSING PERMANENT PARTIAL DISABILITY.

Loss.	No. of Cases.
One eye—	
Total loss of vision.....	11
More than one-half loss of vision.....	2
One-half loss of vision.....	4
Less than one-half loss of vision.....	1
Thumb—	
Total loss	4
One-half loss	3
First, second, third and fourth fingers—	
Total loss, due to ankylosis.....	1
Total loss, third, one-third loss first, second and fourth.....	1
Second, third and fourth fingers—	
Two-thirds loss	1
Two-thirds loss second, one-third loss third and fourth.....	1

(a) Exclusive of medical and hospital expenses paid by firms carrying self-insurance under the State Plan.

**SUMMARY SHOWING LOSSES SUSTAINED BY EMPLOYEES IN INJURIES CAUSING
PERMANENT PARTIAL DISABILITY—Continued.**

Loss.	No. of Cases.
First and second fingers—	
One-third loss	1
One-third loss first, two-thirds loss second.....	1
First finger—	
Total loss, due to ankylosis.....	1
Two-thirds loss	2
One-third loss	1
Second finger—	
Total loss of finger and metacarpal.....	1
Two-thirds loss	2
One-third loss	5
Third finger—	
Total loss	1
Two-thirds loss	5
One-third loss	4
Fourth finger—	
Total loss, ankylosis	1
One-third loss	1
Leg—	
Total loss	2
Ankylosis, stiffness of knee.....	1
One-fourth loss	1
One-fifth loss, due to shortening.....	1
Foot—	
Total loss	1
Total loss, due to ankylosis.....	1
One-fourth loss, ankylosis.....	1
Toe—	
Total loss, second toe.....	2
Total loss, fifth toe.....	2
Total	67

ACCIDENTS RESULTING IN TEMPORARY DISABILITY.

During 1915, awards were made for 1,981 temporary disabilities of more than 7 days resulting from industrial accidents. Their aggregate cost, including compensation and medical and hospital bills, was \$88,386.86 (a). During the same period, awards were made for 680 temporary disabilities of 7 days or less which resulted from industrial accidents. The total medical and hospital bills for these accidents was \$1,055.00 (a). No compensation is awarded in cases of disability for 7 days or less. The total loss of working time as a result of these 2,661 accidents resulting in temporary disability only was 68,606 days or 187.96 years.

Accidents resulting in temporary disability are classified by cause in Table 29, pages 59 and 60, and by nature of injury in Table 31, page 68.

(a) Exclusive of medical and hospital expenses paid by firms carrying self-insurance under the State Plan.

The distribution of those accidents resulting in temporary disability and ascribed to falls of stone, slate and coal, (including falls of roof) by counties is given below :

County.	Number of accidents resulting in temporary disability ascribed to falls of stone, slate and coal (including falls of roof.)
Belmont -----	132
Jefferson -----	91
Guernsey -----	85
Athens -----	82
Meigs -----	41
Columbiana -----	30
Perry -----	30
Jackson -----	28
Hocking -----	27
Tuscarawas -----	24
Stark -----	18
Noble -----	15
Coshocton -----	13
Muskingum -----	12
Lawrence -----	6
Morgan -----	4
Harrison -----	3
Summit -----	3
Portage -----	2
Vinton -----	2
Wayne -----	2
Carroll -----	1
Total -----	651

It will be noted that of the 651 accidents resulting in temporary disability and ascribed to falls of stone, slate, and coal, 132, or 20.3 per cent, occurred in Belmont County, which produced 19.5 per cent of the coal.

DURATION OF DISABILITY IN ACCIDENTS RESULTING IN TEMPORARY DISABILITY.

Two thousand six hundred sixty-one claims for temporary disability resulted from injuries received in coal mines during 1915. The duration of disability in these accidents is striking evidence of the hazard in coal mine employment. Of these 2,661 accidents, the disability terminated for—

694, or 26.1 per cent, within the first week.

451, or 16.9 per cent, within the second week.

443, or 16.6 per cent, within the third week.

314, or 11.8 per cent, within the fourth week.

670, or 25.2 per cent, within the fifth to the thirteenth week inclusive.

89, or 3.4 per cent, within the fourteenth week or later.

Thus it will be seen that 1,516 cases, or 57 per cent, of the accidents resulted in disabilities of two weeks or more, while 28.5 per cent, or more than one-fourth, resulted in disabilities of five weeks or more.

The grave character of coal mine accidents is shown when contrasted with the duration of disability of all accidents resulting in temporary disability (including accidents to employes in coal mines) for which awards were made during the eighteen months ending June 30, 1915. There were 96,891 such accidents, for which the length of disability was known (a). Of these, the disability terminated for—

52,359, or 54.0 per cent, within the first week.
 15,591, or 16.1 per cent, within the second week.
 10,378, or 10.7 per cent, within the third week.
 6,053, or 6.2 per cent, within the fourth week.
 11,124, or 11.5 per cent, within the fifth to the thirteenth week inclusive.
 1,386, or 1.4 per cent, within the fourteenth week or later.

Thus, in this large group of accidents distributed through many industries, but 30 per cent caused disabilities of two weeks or more, while only 13 per cent caused disabilities of five weeks or more.

LENGTH OF EXPERIENCE.

Whether or not a man is an experienced miner, theoretically would seem to have some bearing on his liability to accidents. It is extremely difficult to get any correct data on this point, and it is practically impossible to get satisfactory data concerning an injured employe's experience with the various employers for whom he has worked. The information available for this report is limited to the employe's experience with the employer for whom he was working at the time of the accident, and is restricted to accidents resulting in disability of more than 7 days.

Of the 2,098 cases for which information concerning experience was requested—

136, or 6.5 per cent, had experience of less than 1 month.
 365, or 17.4 per cent, had experience of 1 and under 6 months.
 153, or 7.3 per cent, had experience of 6 months and under 1 year.
 1,373, or 65.4 per cent, had experience of 1 year or over.
 71, or 3.4 per cent, did not report their experience.

(a) During the eighteen months ending June 30, 1915, there were adjudicated 96,952 accident claims for temporary disability. For 61 of these, the period of disability had not been determined at the close of tabulation for Report No. 21, Department of Investigation and Statistics, entitled "Industrial Accidents in Ohio, January 1, 1914, to June 30, 1915."

- HOUR OF ACCIDENT.

The hour of occurrence was reported for 2,719 of the 2,778 coal mine accidents for which awards were made. Of these, 1,473, or slightly more than half, occurred before noon. The number of coal mine accidents under consideration is not sufficient to be conclusive as to hour of most frequent occurrence, but in general, this small group of accidents conforms to the results as shown by larger groups of accidents. The hour of most frequent occurrence for coal mine accidents is 10 to 10:59 in the forenoon, while the hour of most frequency after noon is 2 to 2:59. The hour third in frequency, however, is 9 to 9:59 in the morning.

DAY OF THE WEEK ON WHICH ACCIDENTS OCCURRED.

The 2,778 injuries resulting from coal mine accidents for which awards were made during 1915 show an almost uniform distribution among the days of the week, with the exception of Sunday. The small number on that day is due to the relatively small working force. The distribution by days of the week was as follows:

Day of week.	Number of accidents.
Sunday -----	39
Monday -----	502
Tuesday -----	477
Wednesday -----	433
Thursday -----	454
Friday -----	465
Saturday -----	408
Total -----	2,778

INJURED EMPLOYEES ABLE AND UNABLE TO SPEAK ENGLISH.

Reports as to whether the injured employe could speak English were received in 2,098 cases. No report was received on this point for the 680 persons whose injuries disabled them for less than seven days, and of the other degrees of injury, no report was received in 32 cases. Of those injured men for whom reports were received, 2,015 were able to speak English, while 51 were not able to do so. There is a question as to the significance of these figures, however, since a report may state that a man can speak English, while his English is really so limited that he cannot read safety signs in that language.

TABLE 1—COAL PRODUCTION FOR THE YEAR ENDING DECEMBER 31,
1915, COMPARED WITH THE YEAR ENDING DECEMBER 31, 1914.
BY COUNTIES.

County.	Tons Produced.		Gain.		Loss.	
	1914.	1915.	Tons.	Per Cent.	Tons.	Per Cent.
Athens	3,415,067	2,536,793			878,264	25.7
Belmont	2,624,023	4,403,764	1,779,731	67.8		
Carroll	241,186	323,407	87,221	36.2		
Columbiana	398,108	543,943	145,835	36.6		
Coshocton	186,617	237,568	50,951	27.3		
Gallia	14,886	7,350			7,536	50.6
Geauga	2,970,815	3,247,938	277,123	9.3		
Harrison	203,485	308,570	105,085	51.6		
Hocking	1,192,230	1,421,117	228,887	19.2		
Holmes	15,883	16,464	581	3.7		
Jackson	559,332	572,941	13,609	2.4		
Jefferson	2,067,577	3,539,979	1,472,402	71.2		
Lawrence	162,709	131,971			30,738	18.9
Mahoning	26,055	24,167			1,888	7.2
Medina	10,674	7,717			2,957	27.7
Meigs	567,210	954,281	387,071	68.2		
Monroe	803	544			259	32.3
Morgan	194,743	105,276			89,467	45.9
Muskingum	371,273	392,332	21,059	5.7		
Noble	507,010	608,735	101,725	20.1		
Perry	1,349,323	1,172,687			176,636	13.1
Portage	54,569	60,396	5,827	10.7		
Scioto	4,170	2,443			1,727	41.4
Stark	469,388	371,683			97,705	20.8
Summit	58,287	51,432			6,855	11.8
Trumbull	1,113	1,182	69	6.2	1	
Tuscarawas	906,469	1,400,163	493,704	54.5		
Vinton	72,432	105,806	33,374	46.1		
Washington	615	653	38	6.2		
Wayne	90,375	70,764			19,621	21.7
State	18,736,407	22,627,046				
Net gain for the State:						
Tons			3,890,639			
Per cent.....				20.8		

TABLE 2—COAL PRODUCTION FOR THE YEAR ENDING DECEMBER 31,
1915, CLASSIFIED ACCORDING TO METHOD OF PRODUCTION.
BY COUNTIES.

County.	Tons.				Per Cent.		
	Pick Mined.	Machine Mined.	Stripped.	Total.	Pick Mined.	Machine Mined.	Stripped.
Athens	97,394	2,437,430	.....	2,534,824 (a)	3.8	96.2	.....
Belmont	61,057	4,342,697	.....	4,403,754	1.4	98.6	.....
Carroll	61,864	266,543	.....	328,407	18.8	81.2	.....
Columbiana	66,512	477,431	.....	543,943	12.2	87.8	.....
Coshocton	128,888	108,680	.....	237,568	54.3	45.7	.....
Gallia	7,350	.....	.....	7,350	100.0	.....	.....
Guernsey	13,876	3,234,062	.....	3,247,938	0.4	99.6	.....
Harrison	31,170	277,400	.....	308,570	10.1	89.9	.....
Hocking	103,523	1,312,960	.....	1,416,483 (b)	7.3	92.7	.....
Holmes	16,464	.....	.....	16,464	100.0	.....	.....
Jackson	241,123	331,818	.....	572,941	42.1	57.9	.....
Jefferson	129,556	3,142,138	268,285	3,539,979	3.7	88.8	7.5
Lawrence	131,971	.....	.....	131,971	100.0	.....	.....
Mahoning	21,667	2,500	.....	24,167	89.7	10.3	.....
Medina	7,717	.....	.....	7,717	100.0	.....	.....
Meigs	23,951	930,330	.....	954,281	2.5	97.5	.....
Monroe	544	.....	.....	544	100.0	.....	.....
Morgan	1,100	104,176	.....	105,276	1.0	99.0	.....
Muskingum	61,983	330,349	.....	392,332	15.8	84.2	.....
Noble	16,677	592,058	.....	608,735	2.7	97.2	.....
O'erry	124,275	1,038,483	.....	1,162,758 (c)	10.7	89.3	.....
Portage	38,042	22,354	.....	60,396	63.0	37.0	.....
Scioto	2,443	.....	.....	2,443	100.0	.....	.....
Stark	230,750	140,933	.....	371,683	62.0	38.0	.....
Summit	51,432	.....	.....	51,432	100.0	.....	.....
Trumbull	1,182	.....	.....	1,182	100.0	.....	.....
Tuscarawas	411,744	964,970	23,449	1,400,163	29.4	68.9	1.7
Vinton	18,061	87,745	.....	105,806	17.1	82.9	.....
Washington	653	.....	.....	653	100.0	.....	.....
Wayne	23,701	47,053	.....	70,754	33.5	66.5	.....
State	2,126,670	20,192,110	291,734	22,610,514 (d)	9.4	89.3	1.3

(a) Does not include 1,969 tons, for which the method of production was not reported.

(b) Does not include 4,634 tons, for which the method of production was not reported.

(c) Does not include 9,929 tons, for which the method of production was not reported.

(d) Does not include 16,532 tons, for which the method of production was not reported.

TABLE 3—ANNUAL COAL PRODUCTION, CLASSIFIED AS PICK MINED, MACHINE MINED AND STRIPPED. 1872 TO 1915 INCLUSIVE.

[Coal was first reported to the Bureau of Mines as pick and machine mined in 1889. Prior to that date, practically the entire product was pick mined. Coal production by the stripping process was first reported to the Department of Investigation and Statistics in 1914.]

Year.	Pick Mined.	Machine Mined	Stripped.	Total.	Per Cent of Total Production.		
					Pick Mined.	Machine Mined.	Stripped.
1872				5,315,294			
1873				4,550,023			
1874				3,267,535			
1875				4,984,259			
1876				3,500,000			
1877				5,250,000			
1878				5,500,000			
1879				6,000,000			
1880				7,000,000			
1881				8,225,000			
1882				9,450,000			
1883				8,228,429			
1884				7,650,062			
1885				7,316,179			
1886				8,435,211			
1887				10,301,708			
1888				10,910,946			
1889	10,007,385	90,000		10,907,385	91.7	8.3	
1890	10,640,360	1,148,499		11,788,859	90.3	9.7	
1891	11,396,106	1,654,081		13,050,187	87.3	12.7	
1892	12,360,828	2,239,080		14,599,908	84.7	15.3	
1893	12,275,023	2,553,074		14,828,097	82.8	17.2	
1894	9,354,753	2,555,466		11,910,219	78.5	21.5	
1895	10,563,423	3,120,456		13,683,879	77.2	22.8	
1896	9,544,259	3,368,349		12,912,608	73.9	26.1	
1897	8,342,698	4,106,124		12,448,822	67.0	33.0	
1898	8,805,557	5,252,598		14,058,155	62.6	37.4	
1899	9,167,874	6,741,060		15,908,934	57.6	42.4	
1900	9,966,872	9,467,777		19,426,649	51.3	48.7	
1901	9,831,476	10,489,814		20,321,290	48.4	51.6	
1902	10,489,619	13,439,648		23,929,267	43.8	56.2	
1903	10,012,335	14,560,931		24,573,266	40.7	59.3	
1904	8,037,360	16,546,455		24,583,815	32.7	67.3	
1905	6,825,125	19,009,532		25,834,657	26.4	73.6	
1906	6,500,263	20,713,232		27,213,495	23.9	76.1	
1907	6,511,773	25,854,176		32,365,949	20.1	79.9	
1908	4,676,869	21,610,931		26,287,800	17.8	82.2	
1909	4,608,402	23,146,630		27,755,032	16.6	83.4	
1910	4,341,488	30,083,468		34,424,951	12.6	87.4	
1911	3,467,119	26,874,920		30,342,039	11.4	88.6	
1912	3,739,536	30,674,755		34,414,291	10.9	89.1	
1913	3,691,923	32,593,545		36,285,468	10.2	89.8	
1914	2,586,408	16,008,553	141,446	18,736,407	13.8	85.4	0.8
1915	2,126,670	20,192,110	291,734	22,627,046	9.4	89.3	1.3

(a) Includes 16,532 tons, for which the method of production was not reported.

TABLE 4—COAL PRODUCTION FOR THE YEAR ENDING DECEMBER 31, 1915, CLASSIFIED ACCORDING TO DISPOSITION OF PRODUCT. BY COUNTIES.

County.	Total Production.	Number of Tons.				In Stock.
		Used in		Sold to		
		Operation of Mine.	Manufac- turing Processes in Connection with Mine.	Local Trade.	Shipping Trade.	
Athens	(a) 2,534,824	74,144	7,957	42,420	2,408,161	2,142
Belmont	4,403,754	42,716	276,093	93,200	3,981,719	26
Carroll	328,407	3,370	48,863	3,281	272,893	
Columbiana	543,943	11,569	16,988	38,215	476,968	208
Coshocton	237,563	3,507		57,721	176,223	117
Gallia	7,350	4		6,005	1,341	
Guernsey	3,247,938	78,756		29,926	3,139,247	10
Harrison	308,570	4,793		28,994	274,730	53
Hocking	(b) 1,416,483	24,783	44,585	19,660	1,327,455	
Holmes	16,464	52	3,668	11,241	1,435	68
Jackson	572,941	24,440	106,700	16,485	424,926	390
Jefferson	3,539,979	74,501	229,086	107,528	3,128,727	137
Lawrence	131,971	1,378	7,088	36,877	85,568	60
Mahoning	24,167	510	550	15,513	7,584	10
Medina	7,717	545		7,172		
Meigs	954,281	12,015	800	53,998	887,358	110
Monroe	544	4		540		
Morgan	105,276	5,925		1,437	97,914	
Muskingum	392,332	2,693	10,320	51,229	327,882	208
Noble	908,735	8,078		18,263	581,036	1,358
Perry	(c) 1,162,758	20,356	29,945	47,763	1,064,694	
Portage	60,396	6,666		3,226	50,504	
Scioto	2,443	100		64	2,279	
Stark	371,683	11,639	40,113	128,633	190,444	854
Summit	51,432	6,138		4,476	40,818	
Trumbull	1,182	50		1,129		3
Tuscarawas	1,400,163	24,477	97,307	140,212	1,138,155	12
Vinton	105,806	2,338	29,987	7,605	65,876	
Washington	653			653		
Wayne	70,754	5,594		1,651	63,509	
State	(d) 22,610,514	451,140	950,050	975,117	20,228,446	5,761

(a) Does not include 1,969 tons, for which distribution of product was not reported.

(b) Does not include 4,634 tons, for which distribution of product was not reported.

(c) Does not include 9,929 tons, for which distribution of product was not reported.

(d) Does not include 16,532 tons, for which distribution of product was not reported.

**TABLE 5—COAL MINES REPORTED IN OPERATION DURING THE YEAR
ENDING DECEMBER 31, 1915. BY COUNTIES.**

[Ninety-seven mines in which the owners did their own work, and five mines in which the operation of stripping was carried on are not included in this table. Of the latter, three employed more than ten men and two less than ten during the year.]

County.	Number of Mines Report- ing Ten Men or More.	Number of Mines Report- ing Less Than Ten Men.	Total Number of Mines Reporting.
Athens	41	20	61
Belmont	50	37	87
Carroll	8	6	14
Columbiana	12	13	25
Coshocton	10	28	38
Gallia	1	15	16
Guernsey	21	17	38
Harrison	6	34	40
Hocking	23	10	33
Holmes .....	.....	16	16
Jackson	30	31	61
Jefferson	29	30	59
Lawrence	8	23	31
Mahoning	3	8	11
Medina .....	.....	4	4
Meigs	16	14	30
Monroe .....	.....	1	1
Morgan	2	1	3
Muskingum	7	29	36
Noble	2	23	25
Perry	26	25	51
Portage	1	.....	1
Scioto	1	.....	1
Stark	16	35	51
Summit	1	1	2
Trumbull .....	.....	2	2
Tuscarawas	28	45	73
Vinton	3	4	7
Washington .....	.....	2	2
Wayne	3	1	4
State	348	475	823

**TABLE 6—MINING MACHINES IN USE, AND AVERAGE NUMBER OF
TONS OF COAL CUT PER MACHINE PER YEAR AND PER DAY, 1915
COMPARED WITH 1914. BY COUNTIES.**

County.	Number of Machines in Use.		Average Number of Tons Cut per Machine per Year.		Average Number of Tons Cut per Machine per Day.	
	1914.	1915.	1914.	1915.	1914.	1915.
Athens	199	169	16,702	14,381	132.6	141.0
Belmont	418	334	6,099	13,002	117.3	113.1
Carroll	17	20	8,725	13,327	63.2	59.8
Columbiana	26	26	10,728	18,363	78.9	89.6
Coshocton	16	19	2,512	5,770	33.9	39.4
Guernsey	123	135	23,098	23,566	182.4	147.0
Harrison	40	39	4,396	7,113	82.9	87.8
Hocking	73	65	14,819	20,193	107.4	118.3
Jackson	48	42	6,285	7,900	49.1	64.7
Jefferson	232	216	7,509	14,547	98.8	99.0
Mahoning	1	1	4,200	2,500	21.0	13.9
Meigs	74	85	7,119	10,945	49.1	53.7
Morgan	15	15	12,883	6,945	102.2	95.1
Muskingum	41	32	6,984	10,323	43.4	51.6
Noble	23	20	17,518	23,608	120.0	170.1
Perry	129	95	9,532	10,801	83.6	84.4
Portage	7	2	3,639	11,177	30.3	66.1
Stark	14	14	7,185	10,067	48.9	73.0
Tuscarawas	80	96	5,729	9,727	45.1	47.0
Vinton	12	7	5,043	12,535	34.1	53.6
Wayne	12	8	3,668	5,832	26.9	37.9
State	1,610	1,443	9,943	12,973	93.4	102.0

TABLE 7—MINING MACHINES IN USE, AND AVERAGE NUMBER OF TONS OF COAL CUT PER MACHINE PER YEAR AND PER DAY, 1904 TO 1915, INCLUSIVE.

Year.	Total Number of Mining Machines in Use.	Average Number of Tons Cut per Year.	Average Number of Tons Cut per Day.
1904	975	16,971	99.2
1905	1,146	16,598	95.9
1906	1,266	16,361	94.6
1907	1,396	18,520	99.9
1908	1,445	14,956	95.3
1909	1,395	16,593	97.0
1910	1,473	20,423	101.6
1911	1,542	17,429	100.2
1912	1,549	19,808	100.0
1913	1,653	19,718	98.7
1914	1,610	9,943	98.4
1915	1,443	13,978	102.0

TABLE 8—COAL MINES CLASSIFIED BY KIND OF HAULAGE, FOR THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES.

[Five stripping mines are not included in this table.]

County.	Total Number of Mines in Operation.	Number of Mines Having Each Specified Kind of Haulage.						
		Motor.	Cable.	Animal.	Hand.	Motor and Animal.	Cable and Animal.	Motor and Cable.
Athens	63	16	1	23	4	13	2	4
Belmont	99	25		32	20	20	2	
Carroll	16	2		11	2		1	
Columbiana	28	2		9	6	4	4	1
Coshocton	38	2	1	30	4		1	
Gallia	24			6	18			
Guernsey	42	12	1	14	8	4	1	2
Harrison	46	1		9	32	3	1	
Hocking	40	5	1	23	2	6	2	1
Holmes	17		1	2	14			
Jackson	66	2	1	42	11	8	2	
Jefferson	64	12		17	22	12		1
Lawrence	33			15	18			
Mahoning	12		1	9	2			
Medina	4			4				
Meigs	37	6		21	4	6		
Monroe	1				1			
Morgan	3	2			1			
Muskingum	45	4	2	23	15			1
Noble	32	2		7	23			
Perry	53	12	2	28	6	4	1	
Portage	2				1	1		
Scioto	1			1				
Stark	53		2	31	19	1		
Summit	2				1	1		
Trumbull	3		1	1	1			
Tuscarawas	81	4	2	57	6	8	4	
Vinton	8	1		5	1	1		
Washington	4			1	3			
Wayne	5			3	2			
State	920	110	16	424	247	92	21	10

TABLE 9—NUMBER OF HAULAGE MOTORS IN USE. 1915 COMPARED
WITH 1914. BY COUNTIES.

County.	1914.	1915.
Athens	69	63
Belmont	171	123
Carroll	8	9
Columbiana	13	11
Coshocton	11	9
Guernsey	79	35
Harrison	10	11
Hocking	21	24
Jackson	13	17
Jefferson	96	35
Lawrence	1	22
Meigs	13	3
Morgan	11	10
Muskingum	11	6
Noble	7	5
Perry	53	32
Portage	4	1
Stark	4	3
Summit	1	1
Tuscarawas	26	27
Vinton	5	4
State	647	570

TABLE 10—COAL MINES CLASSIFIED BY CHARACTER OF OPENINGS,
FOR THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES.

[Five stripping mines, and one mine for which kind of opening was not reported, are not included in this table.]

County.	Total Number of Mines in Opera- tion.	Number of Mines Having Each Specified Kind of Opening.			
		Drift.	Slope.	Shaft.	Two or More of Preceding Types.
Athens	63	41	10	11	1
Belmont	99	34	10	5	1
Carroll	16	12	2	1	1
Columbiana	26	19	3	4	1
Coshocton	38	34	4	1	1
Gallia	24	23	1	1	1
Guernsey	42	18	9	15	1
Harrison	46	37	6	2	1
Hocking	40	37	3	1	1
Holmes	17	13	4	1	1
Jackson	66	43	9	14	1
Jefferson	64	52	5	7	1
Lawrence	33	33	1	1	1
Mahoning	12	3	5	3	1
Medina	4	1	3	1	1
Meigs	37	33	2	1	1
Monroe	1	1	1	1	1
Morgan	3	2	1	1	1
Muskingum	44	31	13	1	1
Noble	32	26	4	2	1
Perry	53	41	8	3	1
Portage	2	1	1	1	1
Scioto	1	1	1	1	1
Stark	53	30	13	10	1
Summit	2	1	1	2	1
Trumbull	3	1	1	2	1
Tuscarawas	81	73	7	1	1
Vinton	8	6	1	1	1
Washington	4	2	1	1	1
Wayne	5	1	1	4	1
State	919	697	127	89	6

TABLE 11—COAL MINES CLASSIFIED BY KIND OF VENTILATION, FOR
THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES.

[Five stripping mines, and one mine for which kind of ventilation was not reported, are not included in this table.]

County.	Total Number of Mines in Opera- tion.	Number of Mines Having Each Specified Kind of Ventilation.					Combina- tion of two or More of Pre- ceding Methods.
		Fan.	Fur- nace.	Fire Basket.	Exhaust Steam.	Natural.	
Athens	63	34	6	1		19	3
Belmont	99	47	15	4		29	4
Carroll	16	5	6	3		2	
Columbiana	26	11	2			9	4
Coshocton	38	6	15	2		14	1
Gallia	24	1	1			22	
Guernsey	42	20	2	1		17	2
Harrison	46	6	1	3		36	
Hocking	40	13	2			22	3
Holmes	17					16	1
Jackson	66	23	21	2		20	
Jefferson	64	31	10	4		18	1
Lawrence	33	1	11			21	
Mahoning	12	3	1	1	1	6	
Medina	4				2	1	1
Meigs	37	15	2			16	4
Monroe	1		1				
Morgan	3	2				1	
Muskingum	44	9	8	5		21	1
Noble	32	2	1			29	
Perry	53	22	4			25	2
Portage	2	2					
Scioto	1						1
Stark	53	11	10		3	26	3
Summit	2	1	1				
Trumbull	3	1				2	
Tuscarawas	81	22	36	4		14	5
Vinton	8	3	1			4	
Washington	4					4	
Wayne	5	3				2	
State	919	294	157	30	6	396	36

TABLE 12—AVERAGE NUMBER OF EMPLOYEES IN PICK AND MACHINE MINES, 1915 COMPARED WITH 1914. BY COUNTIES.

County.	Pick Mines.		Machine Mines.		Total.		Gain in Total Employees.		Loss in Total Employees.	
	1914.	1915.	1914.	1915.	1914.	1915.	Num-ber.	Per Cent.	Num-ber.	Per Cent.
Athens	81	130	6,920	6,576	7,001	6,706	.....	.....	295	4.2
Belmont	34	111	11,002	8,708	11,086	8,819	.....	.....	2,267	20.4
Carroll	139	71	340	406	479	477	.....	.....	2	0.4
Columbiana	448	131	697	702	1,146	833	.....	.....	312	27.2
Coshocton	527	228	230	294	757	522	.....	.....	235	31.0
Gallia	78	55	.....	.....	78	55	.....	.....	23	29.5
Guernsey	54	40	4,337	4,196	4,391	4,236	.....	.....	155	3.5
Harrison	61	73	751	879	812	952	140	17.2	.....	.....
Hocking	114	100	2,047	2,160	2,161	2,260	99	4.6	.....	.....
Holmes	55	46	.....	.....	55	46	.....	.....	9	16.4
Jackson	803	634	999	1,014	1,802	1,648	.....	.....	154	8.5
Jefferson	301	177	5,826	4,965	6,127	5,142	.....	.....	985	16.1
Lawrence	408	351	.....	.....	408	351	.....	.....	57	14.0
Mahoning	59	52	25	11	84	63	.....	.....	21	25.0
Medina	28	21	.....	.....	26	21	.....	.....	5	19.2
Meigs	71	56	1,389	1,526	1,460	1,582	122	8.4	.....	.....
Monroe	5	5	.....	.....	5	5	.....	.....	.....	.....
Morgan .....	.....	2	363	352	363	354	.....	.....	9	2.5
Muskingum	168	139	552	467	710	606	.....	.....	104	14.6
Noble	42	44	704	737	746	781	35	4.7	.....	.....
Perry	93	153	3,277	2,435	3,370	2,588	.....	.....	782	23.2
Portage .....	.....	8	297	136	297	143	.....	.....	154	51.9
Scioto	18	18	.....	.....	18	18	.....	.....	.....	.....
Stark	613	526	339	341	1,002	887	.....	.....	115	13.5
Summit	121	115	.....	.....	121	115	.....	.....	6	5.0
Trumbull	2	5	.....	.....	2	5	3	(a)	.....	.....
Tuscarawas	707	517	1,260	1,353	1,967	1,875	.....	.....	92	4.7
Vinton	13	20	169	141	182	161	.....	.....	21	11.5
Washington	2	3	.....	.....	2	3	1	(a)	.....	.....
Wayne	60	51	248	145	308	196	.....	.....	112	36.4
State	5,143	3,882	41,822	37,548	46,965	41,430	.....	.....	.....	.....
Net loss—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Number .....	.....	.....	.....	.....	.....	.....	.....	.....	5,535	.....
Per cent. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.8

(a) Not computed owing to small number of employees.

TABLE 13—AVERAGE NUMBER AND PER CENT OF EMPLOYES REPORTED ANNUALLY IN PICK AND MACHINE MINES. 1904 TO 1915 INCLUSIVE.

Year.	Average Number of Employees.			Per Cent of Total Employees.	
	In Pick Mines.	In Machine Mines.	Total.	In Pick Mines.	In Machine Mines.
1904	17,723	28,111	45,834	38.7	61.3
1905	14,138	30,065	44,193	32.0	68.0
1906	18,128	33,373	46,501	28.2	71.8
1907	12,927	34,949	47,876	27.0	73.0
1908	11,938	38,330	50,267	23.7	76.3
1909	10,334	36,685	47,019	22.0	78.0
1910	9,607	39,223	48,830	19.7	80.3
1911	7,744	40,663	48,407	16.0	84.0
1912	7,841	39,393	47,234	16.6	83.4
1913	7,303	41,117	48,420	15.1	84.9
1914	5,143	41,822	46,965	11.0	89.0
1915	3,882	37,548	41,430	9.4	90.6

TABLE 14—AVERAGE NUMBER OF EMPLOYES IN PICK MINES, BY OCCUPATIONS, 1915 COMPARED WITH 1914. BY COUNTIES.

County.	Pick Miners.		Inside Day Hands.		Outside Day Hands.		Total.	
	1914.	1915.	1914.	1915.	1914.	1915.	1914.	1915.
Athens	60	114	11	12	10	4	81	130
Belmont	73	98	11	9		4	84	111
Carroll	100	48	23	18	16	5	139	71
Columbiana	366	104	40	16	42	11	448	131
Coshocton	368	189	110	28	49	11	527	228
Gallia	66	48	6	6	6	1	78	55
Guernsey	49	37	5	3			54	40
Harrison	61	70		2		1	61	73
Hocking	96	91	16	6	2	3	114	100
Holmes	47	45	6		2	1	56	46
Jackson	565	467	150	123	88	54	808	634
Jefferson	250	154	41	16	10	7	301	177
Lawrence	311	270	64	43	33	38	408	351
Mahoning	48	43	6	6	5	3	59	52
Medina	20	13	3	6	3	2	26	21
Meigs	62	47	7	6	2	3	71	56
Monroe	5	5					5	5
Morgan		2						2
Muskingum	183	124	18	11	7	4	188	139
Noble	37	44	3		2		42	44
Perry	85	186	8	15		2	93	153
Portage				4		4		8
Scioto	9	9	5	5	4		18	18
Stark	412	377	135	97	66	52	613	536
Summit	81	79	22	20	18	16	121	115
Trumbull	1	4			1	1	2	5
Tuscarawas	558	404	103	80	46	33	707	517
Vinton	12	19	1	1			13	20
Washington	2	3					2	3
Wayne	42	33	8	8	10	10	60	51
State	3,919	3,067	802	541	422	274	5,143	3,832

TABLE 15—AVERAGE NUMBER OF EMPLOYEES IN MACHINE MINES, BY OCCUPATIONS, 1915 COMPARED WITH 1914, BY COUNTIES.

County.	Machine Runners and Helpers.		Loaders, Including Drillers and Shooters.		Pick Miners in Machine Mines.		Inside Day Hands.		Outside Day Hands.		Total.	
	1914.	1915.	1914.	1915.	1914.	1915.	1914.	1915.	1914.	1915.	1914.	1915.
Athens	434	422	4,455	4,548	92	73	1,249	1,020	690	513	6,920	6,576
Belmont	969	747	7,123	5,757	104	37	1,831	1,459	975	708	11,002	8,708
Carroll	34	38	213	249	.....	14	62	71	31	34	340	406
Columbiana	52	50	457	480	2	2	122	118	64	52	697	702
Cooshocton ...	22	35	84	128	59	32	43	65	22	34	230	294
Guernsey	323	336	2,667	2,633	20	.....	999	929	328	298	4,337	4,196
Harrison	66	76	499	534	5	7	119	165	62	97	751	879
Hocking	139	141	1,315	1,365	39	87	336	358	218	209	2,047	2,160
Jackson	84	90	510	555	73	61	216	214	116	94	999	1,014
Jefferson	500	406	3,548	3,143	114	34	1,031	870	633	512	5,828	4,965
Mahoning	2	2	19	5	2	1	2	1	.....	2	25	11
Melgs	150	193	785	883	37	3	267	293	150	149	1,339	1,526
Morgan	38	38	213	207	.....	.....	71	68	41	39	363	352
Muskingum	76	54	342	306	8	5	78	64	48	38	552	467
Noble	56	60	450	484	.....	.....	158	155	40	38	704	737
Perry	298	210	2,037	1,586	85	39	534	380	323	220	3,277	2,435
Portage	14	4	118	41	90	48	45	24	30	13	297	135
Stark	46	44	157	167	72	26	64	59	50	45	389	341
Tuscarawas	154	178	513	753	181	59	260	235	152	123	1,280	1,358
Vinton	14	12	86	87	18	1	27	27	24	14	169	141
Wayne	18	13	88	65	65	16	39	25	40	26	243	145
State	3,489	3,154	25,677	23,976	1,066	545	7,553	6,600	4,037	3,273	41,322	37,548

TABLE 16—AVERAGE NUMBER OF DAYS WORKED PER YEAR BY PICK MINERS IN PICK MINES, AND BY LOADERS (INCLUDING DRILLERS AND SHOOTERS) IN MACHINE MINES, 1915 COMPARED WITH 1914. BY COUNTIES.

[Pick miners employed in machine mines are not included in this table.]

County.	Average Number of Days Worked by			
	Pick Miners in Pick Mines.		Loaders (Including Drillers and Shooters) in Machine Mines.	
	1914.	1915.	1914.	1915.
Athens	132	163	126	102
Belmont	176	165	52	115
Carroll	239	228	138	223
Columbiana	120	208	136	205
Coahocton	115	149	74	145
Gallia	169	59		
Guernsey	166	123	151	163
Harrison	173	193	53	81
Hocking	222	213	138	170
Holmes	181	217		
Jackson	119	121	128	122
Jefferson	215	217	76	147
Lawrence	185	157		
Mahoning	208	176	200	180
Medina	174	221		
Meigs	127	190	145	204
Monroe	150	112		
Morgan		275	127	73
Muskingum	182	181	151	200
Noble	179	159	146	174
Perry	157	181	114	128
Portage			120	169
Scioto	175	90		
Stark	184	172	147	129
Summit	123	110		
Trumbull	208	160		
Tuscarawas	128	196	127	207
Vinton	169	282	148	214
Washington	95	139		
Wayne	66	151	137	155
State	150	168	101	137

TABLE 17—AVERAGE NUMBER OF DAYS WORKED PER YEAR BY PICK MINERS IN PICK MINES, AND BY LOADERS (INCLUDING DRILLERS AND SHOOTERS) IN MACHINE MINES, 1904 TO 1915 INCLUSIVE.

Year.	Pick Miners.	Drillers, Shooters and Loaders.
1904	159	169
1905	169	169
1906	176	173
1907	191	201
1908	160	157
1909	182	172
1910	168	209
1911	168	175
1912	173	199
1913	189	206
1914	150	101
1915	168	137

TABLE 18—CLASSIFIED AVERAGE NUMBER OF DAYS WORKED BY PICK MINERS IN PICK MINES, AND BY LOADERS (INCLUDING DRILLERS AND SHOOTERS) IN MACHINE MINES, FOR THE YEAR ENDING DECEMBER 31, 1913. BY COUNTIES.

[Pick miners employed in machine mines are not included in this table.]

County.	Num-ber Re-ported.	Pick Miners in Pick Mines.										Num-ber Re-ported.	Loaders (Including Drillers and Shooters) in Machine Mines.									
		Number Working Each (Classified Number of Days.						Aver-age Num-ber of Days Worked	Number Working Each Classified Number of Days.					Aver-age Num-ber of Days Worked	Number Working Each Classified Number of Days.							
		Less than 50.	50 but under 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.		300 or more.	Less than 50.	50 but under 100.		100 but under 150.		150 but under 200.	200 but under 250.	250 but under 300.	300 or more.				
Athens	114	163	8	17	25	19	17	28	4	4,548	102	1,599	539	1,080	1,002	328	49	36				
Belmont	98	165	4	11	28	13	14	24	13	5,757	116	865	1,161	2,712	676	268	49	36				
Carroll	48	226	.....	.....	15	13	9	11	13	249	223	.....	.....	7	.....	180	62	.....			
Columbiana	104	208	1	4	6	16	49	29	5	480	295	.....	.....	.....	136	341	3	.....			
Coshocton	189	149	10	43	68	16	22	25	5	128	145	.....	.....	39	89	.....	.....	.....	
Gallia	48	59	22	17	5	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Guernsey	37	123	5	11	5	6	8	2	1	2,633	163	.....	180	537	1,618	259	.....	.....		
Harrison	70	193	2	2	9	13	20	11	8	1,534	81	331	321	227	120	697	.....	.....		
Hocking	91	213	11	.....	15	13	10	10	2	1,365	170	.....	.....	.....	.....	.....	.....	.....
Holmes	45	217	.....	.....	8	5	15	13	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jackson	457	121	63	131	92	114	34	5	18	555	122	108	48	211	160	38	38	.....			
Jefferson	154	217	2	11	10	44	14	55	18	3,143	147	176	235	1,467	503	658	.....	.....		
Lawrence	270	157	16	28	37	122	34	3	30	.....	.....	.....	.....	.....	5	.....	.....	.....	
Lebanon	43	176	.....	6	4	8	26	4	.....	5	180	.....	.....	.....	.....	.....	.....	.....
Mahoning	13	221	.....	.....	4	12	1	15	.....	883	204	30	50	80	116	511	94	.....			
Medina	47	180	4	1	14	12	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mills	5	212	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Monroe	2	275	.....	.....	.....	.....	.....	2	.....	307	73	60	147	.....	.....	.....	.....	.....
Morgan	124	191	21	2	12	23	24	28	14	306	260	.....	.....	16	67	223	.....	.....		
Muskingum	44	189	5	4	16	11	12	1	5	464	174	.....	.....	.....	484	.....	.....	.....	
Noble	136	181	20	6	27	15	15	32	21	1,586	153	229	170	578	423	169	4	8				
Perry .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41	169	.....	.....	.....	41	.....	.....	.....	
Portage .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scioto	9	90	.....	9	49	42	51	117	6	.....	.....	.....	40	111	8	.....	8	.....			
Stark	377	172	109	3	.....	.....	.....	.....	.....	157	129	.....	.....	.....	.....	.....	.....	.....
Summit	79	110	.....	76	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuscarawas	4	160	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trumbull	404	196	69	16	90	36	101	106	47	753	207	43	8	25	216	861	100	.....			
Vinton	19	282	.....	.....	.....	.....	.....	.....	.....	87	214	.....	.....	24	43	.....	20	.....			
Washington	3	189	.....	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wayne	83	151	.....	.....	33	.....	.....	.....	.....	66	155	.....	.....	36	29	.....	.....	.....	
State	3,067	163	372	323	550	568	490	528	240	23,976	137	3,480	2,908	7,805	5,766	4,106	427	44				

TABLE 19.—FLUCTUATION IN NUMBER OF EMPLOYEES IN COAL MINES DURING THE YEAR ENDING DECEMBER 31, 1915.
BY COUNTIES.

[The employees of 98 mines, comprising those which reported incomplete data for Query 18 of the schedule, upon which this table is based. Those in which the owners did their own work are not included in this table.]

County.	Number of Mines Report- ing.	Number of Employees for the Payroll Nearest the 15th of												Variation From Maximum.	
		Jan.	Feb.	Mch.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Number.	Per cent.
Athens	61	5,735	5,120	5,074	6,519	3,541	3,558	3,524	2,876	3,429	3,514	3,351	3,986	3,643	55.9
Belmont	97	959	924	904	789	1,631	4,334	5,747	6,576	7,551	8,088	8,720	9,202	8,413	91.4
Carroll	14	421	421	404	423	416	432	414	419	443	459	465	456	455	12.0
Columbiana	25	765	773	765	734	780	782	764	757	771	694	908	814	120	14.7
Coshocton	38	177	170	146	224	336	315	402	416	476	513	532	539	303	72.9
Galila	16	33	10	16	12	10	11	13	10	14	23	27	28	25	76.8
Guernsey	33	4,209	4,138	4,183	3,886	4,117	4,111	3,893	4,154	3,955	3,921	4,115	4,069	344	8.2
Harrison	40	287	308	295	279	261	422	393	402	1,036	1,524	1,689	1,764	535	71.0
Hocking	33	2,277	2,157	2,046	2,042	1,933	1,935	1,482	1,628	1,638	1,613	1,639	1,617	705	54.9
Holmes	42	46	42	46	33	36	24	25	1,218	1,374	1,417	1,439	1,473	23	54.7
Jackson	61	1,805	1,415	1,235	944	761	896	918	1,248	1,374	1,417	1,439	1,473	23	54.7
Jefferson	62	2,857	2,035	2,064	2,185	2,639	4,029	4,046	3,519	4,331	4,331	4,331	4,331	3,023	99.8
Lawrence	31	357	384	322	298	231	197	236	214	303	394	385	372	187	48.7
Madison	11	66	69	54	36	19	9	10	19	44	49	63	70	61	87.1
Medina	4	21	21	18	15	15	14	16	19	20	23	21	20	9	39.1
Melba	30	1,442	1,465	1,145	1,151	1,037	1,128	1,411	1,371	1,596	1,643	1,677	1,701	604	33.9
Monroe	1	6	6	4	.....	.....	.....	2	4	5	6	6	6	.....	.....
Morgan	3	351	120	120	114	17	15	19	16	24	247	261	257	346	95.8
Muskingum	36	565	547	547	517	514	513	495	513	533	537	567	612	117	19.1
Noble	25	784	778	763	754	762	776	776	791	789	791	763	715	76	9.6
Perry	49	1,608	2,081	2,136	2,168	2,014	2,008	2,195	1,492	1,326	1,388	1,473	1,470	869	29.0
Portage	2	158	163	138	135	127	123	134	138	138	146	148	155	40	24.5
Scioto	1	19	13	8	8	.....	.....	.....	5	13	14	14	15	.....	.....
Stark	50	767	618	564	859	285	370	408	447	574	623	645	716	462	61.0
Summit	2	119	117	108	12	11	10	10	99	112	113	117	120	110	91.7
Trumbull	2	6	6	4	.....	.....	.....	3	3	4	4	5	5	.....	.....
Tuscarawas	76	1,734	1,741	1,586	1,536	1,498	1,544	1,539	1,562	1,599	1,703	1,779	1,831	35	18.3
Vinton	7	129	140	159	122	118	120	157	178	172	174	177	179	86	34.1
Washington	2	1	1	1	1	1	1	1	3	3	3	3	3	.....	.....
Wayne	4	93	147	149	75	75	72	92	97	168	205	185	183	133	64.9
Total	827	26,788	25,917	25,049	25,516	23,283	27,849	29,174	29,007	31,515	33,379	35,389	36,477	13,344	36.3

a Not computed, owing to small number of employees.

TABLE 20—AVERAGE NUMBER OF TONS OF COAL PRODUCED PER YEAR AND PER DAY, PER EMPLOYEE IN CERTAIN SPECIFIED OCCUPATIONS, 1915 COMPARED WITH 1914. BY COUNTIES.

[Pick miners employed in machine mines are not included in this table.]

County.	Pick Mines.			Machine Mines.									
	Pick Miners.			Machine Runners and Helpers. ^a			Loaders (Including Drillers and Shooters).						
	Average Number of Tons Mined per Year.	1914.	1915.	Average Number of Tons Mined per Day.	1914.	1915.	Average Number of Tons Cut per Year.	1914.	1915.	Average Number of Tons Loaded per Year.	1914.	1915.	Average Number of Tons Loaded per Day.
Athens	645	1914.	1915.										
Belmont	715	4.9	4.4				7,654	5,736	58.2	746	534	5.2	5.2
Carroll	458	2.9	2.8				2,631	5,814	50.6	353	764	5.9	5.8
Columbiana	743	3.1	3.4				4,362	7,014	31.6	698	1,070	5.0	4.8
Cynthiana	315	2.6	3.1				5,364	9,549	36.4	610	986	4.5	4.9
Cynthiana	563	2.9	3.8				1,177	3,105	15.9	420	849	5.7	5.9
Cynthiana	224	1.3	2.2						21.4				
Gallia	130	2.8	2.8				9,117	9,625	60.4	1,104	1,228	7.3	7.5
Guernsey	470	2.3	1.9				2,654	3,650	52.3	353	1,519	6.7	6.7
Harrison	394	3.1	3.7				7,761	9,312	54.8	820	962	5.9	5.7
Hocking	773	3.7	3.7										
Holmes	333	1.9	1.7										
Jackson	401	3.4	3.8				3,691	3,687	30.2	592	610	4.6	5.0
Jackson	467	2.7	3.2				3,484	7,789	46.9	491	1,000	6.4	6.8
Jefferson	579	2.5	3.2										
Lawrence	520	2.8	2.7										
Madison	484	2.3	2.7										
Madison	489	2.3	2.7										
Madison	534	3.1	2.7				2,100	1,260	6.9	221	500	1.1	2.8

^a The tonnage per year and per day is computed for machine runners and helpers on the assumption that they worked the same number of days as did the loaders in their respective mines.

TABLE 20—AVERAGE NUMBER OF TONS OF COAL PRODUCED PER YEAR AND PER DAY, PER EMPLOYEE IN CERTAIN SPECIFIED OCCUPATIONS, 1915 COMPARED WITH 1914. BY COUNTIES—Concluded.

[Pick miners employed in machine mines are not included in this table.]

County.	Pick Mines.			Machine Mines.									
	Pick Miners.			Machine Runners and Helpers. ^a					Loaders (Including Drillers and Shooters).				
	Average Number of Tons Mined per Year.	1914.	1915.	Average Number of Tons Mined per Day.	1914.	1915.	Average Number of Tons Cut per Year.	1914.	1915.	Average Number of Tons Loaded per Year.	1914.	1915.	Average Number of Tons Loaded per Day.
Meigs	351	403	2.2	2.8	2.2	4,939	3,512	24.2	23.0	671	1,064	4.6	5.3
Monroe	161	109	1.0	1.1	1.0	2,741	5,125	40.4	37.5	914	503	7.2	6.9
Morgan	560	560	2.0	3.4	2.6	6,118	3,768	23.4	30.6	837	1,080	6.2	5.4
Muskingum	601	472	2.2	2.2	2.2	9,983	8,203	56.1	66.7	1,021	1,223	7.0	7.0
Noble	338	343	4.4	5.1	4.4	4,886	4,118	36.1	38.2	602	647	5.3	5.1
Perry	796	738	3.0	2.6	3.0	5,639	1,819	15.2	33.1	216	546	1.8	3.2
Portage	463	271	3.0	2.6	3.0	3,203	2,187	14.9	24.8	641	844	4.4	6.5
Scioto	718	634	3.4	5.6	3.4	5,410	2,976	23.4	26.1	893	1,279	7.0	6.2
Summit	695	651	5.9	4.6	1.5	7,312	2,976	26.4	34.2	637	1,009	4.3	4.7
Trumbull	963	246	4.6	4.6	4.6	3,519	2,976	18.0	23.3	515	724	3.8	4.7
Tuscarawas	582	901	3.2	3.2	3.2	3,519	2,460	46.2	46.7	623	841	6.1	6.1
Vinton	402	316	1.1	3.6	3.0	3,519	2,460	46.2	46.7	623	841	6.1	6.1
Washington	308	150	3.0	3.6	3.0	3,519	2,460	46.2	46.7	623	841	6.1	6.1
Wayne	240	454	3.0	3.6	3.0	3,519	2,460	46.2	46.7	623	841	6.1	6.1
State	508	591	3.5	3.3	3.5	6,395	4,564	46.2	46.7	623	841	6.1	6.1

^a The tonnage per year and per day is computed for machine runners and helpers on the assumption that they worked the same number of days as did the loaders in their respective mines.

TABLE 21—AVERAGE NUMBER OF TONS OF COAL PRODUCED PER YEAR AND PER DAY, PER EMPLOYE IN CERTAIN SPECIFIED OCCUPATIONS, 1895 TO 1915 INCLUSIVE.

Year.	Pick Mines.		Machine Mines.			
	Pick Miners.		Machine Runners and Helpers.		Loaders (Including Drillers and Shooters).	
	Average Number of Tons Mined per Year.	Average Number of Tons Mined Per Day.	Average Number of Tons Cut per Year.	Average Number of Tons Cut per Day.	Average Number of Tons Loaded per Year.	Average Number of Tons Loaded per Day.
1895	568	3.4	6,981	44.7	925	5.9
1896	431	2.9	5,817	40.4	776	5.4
1897	509	3.4	5,610	41.6	821	6.1
1898	546	3.6	6,524	38.2	882	5.3
1899	443	2.9	8,016	48.6	1,070	6.3
1900	411	2.4	8,467	47.4	1,128	6.3
1901	396	2.2	6,247	34.3	1,155	6.4
1902	380	2.2	9,478	49.9	1,212	6.4
1903	640	3.6	7,471	39.3	1,027	5.4
1904	602	3.8	7,204	42.0	684	4.0
1905	653	3.9	7,255	41.8	686	4.0
1906	661	3.8	7,155	41.4	891	5.7
1907	676	3.5	8,725	42.4	1,187	5.8
1908	518	3.2	6,823	43.5	869	5.5
1909	595	3.3	7,327	42.8	972	5.7
1910	602	3.6	9,186	45.5	1,195	5.7
1911	597	3.6	7,904	45.4	1,015	5.8
1912	641	3.7	8,840	44.6	1,218	6.1
1913	681	3.6	8,690	42.6	1,260	6.1
1914	508	3.3	24,564	245.2	622	6.1
1915	591	3.5	26,395	246.7	841	6.1

(a) The tonnage per year and per day for 1914 and 1915 for machine runners and helpers, is computed on the assumption that they worked the same number of days as did the loaders in their respective mines.

TABLE 22—AVERAGE WAGES PER DAY OF EMPLOYEES IN COAL MINES DURING THE YEAR ENDING DECEMBER 31, 1915.
BY OCCUPATIONS AND BY COUNTIES.

County	Total Number of Em- ployees.	Pick Miners. (a)		Machine Runners and Helpers.		Loaders (In- cluding Drillers and Shooters).		Track Layers.		Track Layers' Helpers.		Trappers.		Bottom Cagers.	
		Number Re- ported.	Average Daily Wage.	Number Re- ported.	Average Daily Wage.	Number Re- ported.	Average Daily Wage.	Number Re- ported.	Average Daily Wage.	Number Re- ported.	Average Daily Wage.	Number Re- ported.	Average Daily Wage.	Number Re- ported.	Average Daily Wage.
Athens	6,706	187	\$2.61	422	\$4.21	4,548	\$2.27	69	\$2.87	389	\$2.64	134	\$1.34	49	\$2.61
Belmont	8,819	135	2.66	747	4.17	5,767	2.80	119	2.72	57	2.64	139	1.29	11	2.82
Carroll	477	62	2.43	38	3.78	249	2.91	17	2.77	6	2.62	2	2.62	2	2.84
Columbiana	833	206	2.48	50	3.63	480	2.76	17	2.81	8	2.76	12	1.33	5	2.84
Coshocton	522	221	2.61	35	3.67	128	3.03	17	2.81	4	2.62	2	1.32	2	2.84
Gallia	55	48	1.87	...	...	...	...	1	1.76	1	2.50	...	...	...	...
Guernsey	4,236	37	2.19	286	4.67	2,633	3.22	53	2.83	43	2.66	62	1.32	40	2.88
Harrison	952	77	1.96	76	4.48	534	3.12	14	2.71	9	2.64	26	1.26	2	2.84
Hocking	2,260	178	2.67	141	4.07	1,895	2.60	36	2.74	8	2.63	53	1.35	2	2.84
Holmes	46	45	2.06	...	...	...	...	...	...	...	...	...	...	...	...
Jackson	1,648	518	2.87	90	3.43	555	2.73	23	2.66	1	2.20	87	1.12	15	2.32
Jefferson	5,142	188	2.89	406	4.38	3,143	2.98	68	2.80	41	2.63	103	1.25	35	2.85
Lawrence	351	270	2.26	...	...	...	...	3	2.38	...	...	2	1.19	...	...
Mahoning	63	44	2.47	2	2.50	5	2.00	1	2.84	...	...	...	...	...	...
Medina	21	13	2.90	...	...	...	...	...	...	...	...	...	...	...	...
Melgs	1,532	50	1.97	198	3.44	883	2.64	25	2.66	7	2.33	34	1.15	3	2.29
Monroe	5	5	1.60	...	...	...	...	...	...	...	...	...	...	...	...
Morgan	354	2	2.00	38	4.98	207	3.23	5	2.84	2	2.62	18	1.23	1	2.84
Muskingum	606	129	2.60	54	4.00	306	2.71	7	2.84	2	2.62	8	1.54	...	...
Noble	781	44	1.71	60	4.63	484	3.12	7	2.84	7	2.62	21	1.23	6	2.77
Perry	2,588	175	3.20	210	3.32	1,586	2.24	37	2.87	17	2.62	43	1.35	10	2.31
Portage	143	48	3.15	4	3.56	41	3.15	9	2.84	...	...	1	2.00	2	2.84
Scioto	18	9	1.87	...	...	...	...	1	1.60	...	...	...	...	...	...
Stark	887	408	2.98	44	3.76	167	3.49	18	2.70	3	1.98	12	1.24	9	2.84
Summit	115	79	4.48	...	...	...	...	3	2.84	...	...	2	1.30	1	2.84
Trumbull	5	4	2.13	...	...	...	...	...	...	...	...	...	...	...	...
Tuscarawas	1,875	463	2.80	178	4.07	763	3.01	38	2.83	13	2.62	29	1.33	4	2.65
Vinton	161	20	2.16	12	3.44	87	2.47	3	2.66	1	2.29	1	1.12	1	2.29
Washington	3	3	1.38	...	...	...	...	...	...	...	...	...	...	...	...
Wayne	196	49	4.84	13	3.66	65	3.78	4	2.84	...	...	3	1.30	5	2.84
State	41,480	3,612	\$2.72	3,154	\$4.11	23,976	\$2.76	600	\$2.77	273	\$2.62	769	\$1.30	191	\$2.77

(a) This table includes pick miners both in pick mines and in machine mines.

TABLE 22—AVERAGE WAGES PER DAY OF EMPLOYEES IN COAL MINES DURING THE YEAR ENDING DECEMBER 31, 1915.
BY OCCUPATIONS AND BY COUNTIES—Continued.

County.	Drivers.		Snappers.		Trip Rope Riders.		Water Haulers.		Machine Haulers.		Timbermen.		Pumpers.	
	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.
Athens	254	\$2 82	4	\$2 84	4	\$2 84	8	\$2 84	18	\$3 84	67	\$3 83	55	\$3 68
Belmont	406	2 83	6	2 84	16	2 84	25	2 82	13	2 84	164	2 83	14	2 63
Carroll	14	2 25	4	2 84	4	2 84	1	2 84	1	2 84	8	2 75	2	2 21
Columbiana	44	2 81	3	2 84	3	2 84	1	2 84	1	2 84	5	2 80	4	2 63
Coshocton	31	3 02	2	2 84	2	2 84	1	2 84	1	2 84	4	2 84	6	2 75
Gallia	4	1 90	1	2 84	1	2 84	1	2 84	1	2 84	1	2 84	1	2 75
Guernsey	212	2 83	16	2 84	7	2 84	11	2 84	6	2 84	104	2 75	30	2 67
Harrison	43	2 84	2	2 84	2	2 84	6	2 84	4	2 84	15	2 75	6	2 61
Hocking	116	2 83	1	2 84	5	2 84	5	2 84	4	2 84	38	2 84	24	2 66
Homes	1	2 84	1	2 84	1	2 84	1	2 84	1	2 84	1	2 84	1	2 66
Jackson	142	2 28	1	2 29	2	1 95	1	2 57	2	2 84	5	2 49	10	2 19
Jefferson	192	3 00	7	2 71	4	2 81	18	2 82	2	2 84	67	2 80	36	2 65
Lawrence	31	2 13	1	2 71	1	2 81	1	2 82	1	2 84	3	1 07	1	2 65
Mahoning	6	2 71	1	2 71	1	2 81	1	2 82	1	2 84	1	1 07	1	2 65
Medina	4	2 69	1	2 71	1	2 81	1	2 82	1	2 84	1	1 07	1	2 65
Melara	105	2 26	4	2 57	1	2 81	4	2 57	1	2 84	13	2 51	10	2 15
Monroe	16	2 84	1	2 57	1	2 81	1	2 57	1	2 84	1	2 51	1	2 15
Morgan	30	2 76	3	2 84	2	2 84	1	2 84	1	2 84	1	2 51	1	2 15
Muskingum	39	2 84	3	2 84	2	2 84	1	2 84	1	2 84	1	2 51	1	2 15
Noble	105	2 90	9	2 84	4	2 68	1	2 84	2	2 84	17	2 84	16	2 66
Perry	9	2 84	1	2 84	1	2 68	1	2 84	1	2 84	1	2 84	1	2 66
Portage	2	2 84	1	2 84	1	2 68	1	2 84	1	2 84	1	2 84	1	2 66
Scioto	78	1 50	1	2 84	1	2 68	1	2 84	1	2 84	1	2 84	1	2 66
Stark	7	2 84	1	2 84	1	2 68	1	2 84	1	2 84	1	2 84	1	2 66
Summit	120	2 79	1	2 84	1	2 68	1	2 84	1	2 84	1	2 84	1	2 66
Tuscarawas	10	2 31	1	2 84	1	2 68	1	2 84	1	2 84	1	2 84	1	2 66
Washington	16	2 84	1	2 84	1	2 68	1	2 84	1	2 84	1	2 84	1	2 66
Wayne	16	2 84	1	2 84	1	2 68	1	2 84	1	2 84	1	2 84	1	2 66
State	2,040	\$2 75	51	\$2 79	72	\$2 82	91	\$2 79	47	\$3 84	555	\$2 79	244	\$2 61

TABLE 22—AVERAGE WAGES PER DAY OF EMPLOYEES IN COAL MINES DURING THE YEAR ENDING DECEMBER 31, 1915.
BY OCCUPATIONS AND BY COUNTIES—Continued.

County.	Pipemen.		Electricians.		Electricians' Helpers.		Motormen.		Motormen Helpers.		Other Inside Labor.		Engineers.	
	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.
Athens	28	\$3 23	17	\$2 79	66	\$2 89	51	\$2 82	169	\$2 72	50	\$3 86		
Belmont	43	3 41	30	2 87	120	2 86	77	2 83	238	2 70	51	2 89		
Carroll	2	3 75	2	2 84	21	2 84	5	2 84	12	2 72	4	2 86		
Columbiana	5	2 93	1	2 84	11	2 84	2	2 84	16	2 60	13	2 94		
Coschocton	8	3 00	1	2 62	8	2 84	8	2 84	7	2 48	5	2 97		
Galla														
Guernsey	23	3 17	21	2 84	88	2 86	56	2 84	130	2 73	32	2 84		
Harrison	5	3 33	3	2 34	11	2 84	9	2 84	17	2 56	11	2 76		
Hocking	1	\$2 84	6	2 84	20	2 75	16	2 72	24	2 65	15	2 97		
Holmes														
Jackson	8	2 91	2	2 57	18	2 49	14	2 29	52	2 30	20	3 45		
Jefferson	3	2 62	25	2 76	84	2 83	43	2 82	126	2 78	53	2 32		
Lawrence											1	3 25		
Maioning											3	2 70		
Medina											2	2 93		
Melgs	9	2 75	4	2 36	21	2 57	16	2 31	2	2 35	3	2 80		
Monroe											14	2 80		
Morgan	2	3 10	1	3 00	8	2 84	5	2 84	5	2 62	4	2 84		
Muskingum	4	3 25	9	2 84	9	2 84	2	2 73	4	2 59	4	2 85		
Noble	2	3 00	4	2 84	7	2 84	7	2 84	29	2 83	3	2 83		
Perry	17	3 01	2	2 92	31	3 09	14	2 71	66	2 63	19	2 86		
Portage									6	2 84	6	3 14		
Scioto					1	3 09			2	1 50		2 60		
Stark	1	3 00			3	2 10	2	1 93	11	2 73	24	2 60		
Summit	1	4 00			1	2 84	1	2 84	2	2 73	3	2 70		
Trumbull														
Tuscarawas	10	3 07	3	2 69	23	2 84	16	2 77	25	2 64	20	2 90		
Vinton	1	2 50			4	2 29	3	2 29	1	2 29	2	2 54		
Washington														
Wayne											9	2 53		
State	4	\$3 63	196	\$3 22	122	\$3 79	555	\$3 82	987	\$2 67	367	\$2 82		

TABLE 22—AVERAGE WAGES PER DAY OF EMPLOYEES IN COAL MINES DURING THE YEAR ENDING DECEMBER 31, 1913.
BY OCCUPATIONS AND BY COUNTIES—Continued.

County.	Firemen		Dynamo Men.		First Blacksmith.		Second Blacksmith.		Blacksmiths' Helpers.		Carpenters.		Dumpers.	
	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.
Athens	44	\$2 66	6	\$2 76	26	\$3 15	10	\$2 87	6	\$2 68	23	\$2 83	48	\$2 72
Belmont	36	2 38	9	3 69	43	3 13	22	2 84	13	2 63	47	2 70	59	2 56
Carroll	2	2 73	.....	.....	7	2 79	.....	.....	.....	.....	1	2 84	9	2 77
Columbiana	3	2 62	.....	.....	9	2 86	3	2 95	.....	.....	.....	.....	11	2 81
Coshocton	2	2 11	.....	.....	6	2 86	.....	.....	1	2 84	2	3 00	5	2 81
Gallia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2 60
Guernsey	45	2 62	.....	.....	22	3 21	11	2 81	.....	.....	.....	.....	21	2 62
Harrison	2	1 88	.....	.....	6	3 05	1	2 62	2	2 96	16	2 95	1	2 63
Hocking	11	2 68	3	2 94	11	3 28	3	2 79	.....	.....	12	2 46	4	2 63
Holmes .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21	2 60
Jackson	12	2 24	.....	.....	14	2 86	.....	.....	1	2 87	1	2 50	23	2 54
Jefferson	27	2 42	.....	.....	26	3 07	13	2 78	7	2 67	36	2 68	47	2 59
Lawrence	4	1 56	.....	.....	3	2 44	.....	.....	1	1 00	1	2 29	1	1 86
Madison .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mahoning .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medina .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mingo	3	2 82	3	1 83	15	2 70	5	2 49	3	2 18	4	2 25	15	2 53
Monroe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Morgan	1	2 80	1	2 80	2	3 05	2	3 00	.....	.....	.....	.....	.....	.....
Muskingum .....	.....	.....	.....	.....	4	2 82	.....	.....	.....	.....	.....	.....	.....	.....
Noble	6	2 62	.....	.....	2	3 20	1	2 84	1	2 84	3	2 84	8	2 65
Perry	14	2 62	.....	.....	16	3 00	1	2 82	.....	.....	4	2 81	9	2 63
Portage	2	2 22	.....	.....	1	3 34	.....	.....	2	2 62	9	2 87	25	2 64
Scioto .....	.....	.....	.....	.....	1	3 40	1	3 15	1	2 81	.....	.....	1	2 64
Stark .....	.....	.....	.....	.....	11	3 00	.....	.....	.....	.....	.....	.....	1	1 90
Summit	2	2 22	.....	.....	1	3 61	.....	.....	.....	.....	1	3 00	24	2 81
Tuscarawas .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Union	7	2 61	1	3 00	22	2 88	.....	.....	.....	.....	.....	.....	3	2 13
Washington	1	2 29	.....	.....	2	2 67	9	2 79	1	2 84	4	2 56	26	2 60
Wayne	3	2 22	.....	.....	3	2 61	.....	.....	.....	.....	.....	.....	4	2 27
State	235	\$2 49	23	\$3 00	253	\$3 02	88	\$2 85	39	\$2 67	171	\$2 73	387	\$2 43

TABLE 22—AVERAGE WAGES PER DAY OF EMPLOYEES IN COAL MINES DURING THE YEAR ENDING DECEMBER 31, 1915.
BY OCCUPATIONS AND BY COUNTIES—Concluded.

County.	Trimmers.		Greasers.		Couplers.		Stable Boys.		Other Outside Help.	
	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.	Number Re-ported.	Average Daily Wage.
Athens	143	\$2 64	17	\$1 89	18	\$1 95	20	\$2 06	106	\$2 59
Belmont	119	2 30	22	1 76	43	1 93	30	2 32	218	2 36
Carroll	7	2 66	1	2 62	2	2 40			6	2 63
Columbiana	12	2 52	1	2 62	3	2 62	4	2 07	2 40	2 40
Cochocton	7	2 56	2	2 22	3	2 22	1	1 50	11	2 38
Gallia										
Guernsey	69	2 62	10	1 78	8	2 36	13	2 07	51	2 63
Harrison	12	2 17	3	1 93	8	2 13	4	1 98	38	2 14
Hocking	64	2 63	8	1 60	10	1 67	7	2 45	37	2 61
Holmes									1	
Jackson	41	2 28	7	1 72	4	2 29	11	1 49	14	1 81
Jefferson	63	2 33	22	1 84	28	2 11	20	2 22	178	2 28
Lawrence	6	2 20					3	1 50	13	1 76
Mahoning										
Marion										
Medina										
Meigs	23	2 31	6	1 66	6	1 53	8	1 76	42	2 06
Monroe										
Morgan	13	2 53	2	2 50	4	2 50	1	3 00	4	2 17
Muskingum	9	2 50	1	1 34	1	2 50	1	2 50	5	2 80
Noble	10	2 62	1	2 00	1	2 62	2	2 23	6	2 62
Perry	59	2 63	5	2 17	6	2 25	11	1 97	52	2 43
Portage	1	2 25			1	2 25	1	2 00	7	2 35
Scioto	1	1 50							1	1 50
Stark	18	2 30	1	2 22			1	2 22	11	2 16
Summit	3	2 15							4	2 11
Trumbull										
Tuscarawas	34	2 24	6	2 10	5	1 70	10	1 79	21	2 44
Vinton	3	2 29	1	1 50			1	1 76		
Washington										
Wayne	6	2 22	2	2 22			2	2 22	6	2 22
State	728	\$2 45	118	\$1 95	150	\$2 02	151	\$2 06	835	\$2 37

TABLE 23—TOTAL WAGE AND SALARY PAYMENTS MADE BY COAL MINES DURING THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES.

[The employees of 98 mines, comprising those which reported incomplete data for Query 17 of the schedule, upon which this table is based. Those in which the owners did their own work are not included in this table.]

County.	Total Number of Mines Report- ing.	Aggregate Wage and Salary Payments Paid to		
		Wage Earners.	Book- keepers, Stenog- raphers and Office Help.	Total.
Athens	61	\$1,984,443	\$34,069	\$2,018,512
Belmont	87	3,155,208	51,458	3,206,666
Carroll	14	267,031	2,800	269,831
Columbiana	25	464,782	2,510	467,292
Coshocton	38	212,422	2,488	214,910
Gallia	16	5,312	75	5,387
Guernsey	38	2,506,640	37,032	2,543,672
Harrison	40	249,834	8,128	257,962
Hocking	33	1,068,776	11,960	1,070,736
Holmes	16	17,276	.....	17,276
Jackson	61	603,114	14,810	617,924
Jefferson	62	2,654,181	44,422	2,698,603
Lawrence	31	116,896	2,440	119,336
Mahoning	11	22,230	.....	22,230
Medina	4	12,020	.....	12,020
Meigs	30	779,589	12,200	791,789
Monroe	1	835	.....	835
Morgan	3	91,896	955	92,851
Muskingum	36	324,034	5,549	329,583
Noble	25	439,483	4,724	444,207
Perry	49	932,843	10,767	943,610
Portage	2	87,261	1,800	89,061
Scioto	1	3,425	.....	3,425
Stark	50	372,497	22,077	394,574
Summit	2	61,806	900	62,706
Trumbull	2	1,446	.....	1,446
Tuscarawas	76	1,224,779	26,624	1,251,403
Vinton	7	97,750	900	98,650
Washington	2	569	.....	569
Wayne	4	106,096	.....	106,096
State	827	\$17,555,984	\$298,698	\$17,854,682

TABLE 24—NUMBER OF MEN EMPLOYED AND TONS OF COAL MINED PER FATAL ACCIDENT AND PER ACCIDENT RESULTING IN A DISABILITY OF MORE THAN THREE WEEKS, (a), FOR THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES.

[The number of fatal accidents in this table and in Table 25 is based upon fatal accidents as reported to the Inspector of Mines during 1915, and differs from the number used in all other accident tables in this report, which are based upon awards under the Workmen's Compensation Act, as tabulated by the Department of Investigation and Statistics. The difference is due to the fact that the Inspector of Mines receives reports of fatal accidents immediately after they occur, while the Department of Investigation and Statistics tabulates accidents only after the claims have been heard and allowed. The Inspector of Mines received the reports of twenty-three fatal accidents which are excluded from the tables based on awards. Thirteen were not passed upon and awards made until 1916, five are still pending before the Industrial Commission; four occurred in mines employing less than five men, and hence the Workmen's Compensation Act did not apply to them, while one occurred in a mine which employed seven persons, but which had not complied with the Workmen's Compensation Act. No claim in this case was filed under Section 27 of the Act. On the other hand, the tables based on awards includes eight deaths which occurred during 1914, and appeared in "Statistics of Mines and Quarries," for that year, but the award for which was not made until 1915.]

There is a difference of fifteen, therefore, between the number of deaths included in the tables based on returns to the Inspector of Mines and data tabulated by the Department of Investigation and Statistics, from claims for fatal cases heard and allowed by the Industrial Commission during 1915.]

County.	Total Number of Men Employed.	Total Number of Tons Mined.	Fatal Accidents.			Accidents Resulting in a Disability of More Than Three Weeks (a)		
			Number.	Number of Men Employed in Life Lost.	Tons of Coal Mined per Life Lost.	Number.	Number of Men Employed per Accident.	Tons of Coal Mined per Accident.
Athens	6,706	2,536,793	7	958	362,299	b 159	42	15,955
Belmont	8,519	4,403,754	9	980	489,306	158	56	27,872
Carroll	477	323,407	.....	.....	.....	1	477	323,407
Columbiana	853	543,343	c 4	208	135,986	55	15	9,590
Coshocton	522	237,558	2	261	118,784	18	29	13,198
Gallia	55	7,350	1	55	7,350	2	28	8,675
Guernsey	4,236	3,247,938	2	2,118	1,622,969	172	25	18,583
Harrison	852	308,570	1	852	308,570	7	136	44,081
Hocking	2,260	1,421,117	3	753	473,706	b 38	59	37,398
Holmes	46	16,464	.....	.....	.....	.....	.....	.....
Jackson	1,648	672,941	.....	.....	.....	45	37	12,732
Jefferson	5,142	3,539,979	18	286	196,686	147	35	24,081
Lawrence	351	131,971	1	351	131,971	15	23	8,798
Mahoning	63	24,167	.....	.....	.....	4	16	6,042
Medina	21	7,717	.....	.....	.....	1	21	7,717
Meigs	1,582	954,281	3	527	313,094	69	23	12,530
Monroe	5	544	.....	.....	.....	.....	.....	.....
Morgan	354	105,276	.....	.....	.....	7	51	15,089
Muskingum	606	392,332	.....	.....	.....	26	23	15,080
Noble	781	608,735	5	156	121,747	17	46	35,808
Perry	2,588	1,172,687	1	2,588	1,172,687	71	36	16,517
Portage	143	60,396	1	143	60,396	7	20	8,623
Scioto	18	2,448	.....	.....	.....	.....	.....	.....
Stark	367	371,683	2	484	185,842	41	21	9,005
Summit	115	51,432	.....	.....	.....	3	14	6,429
Trumbull	6	1,182	.....	.....	.....	.....	.....	.....
Tuscarawas	1,575	1,400,163	3	625	466,721	68	23	20,691
Vinton	161	185,806	.....	.....	.....	3	81	52,908
Washington	3	653	.....	.....	.....	.....	.....	.....
Wayne	196	70,754	.....	.....	.....	4	49	17,639
Total	41,430	22,627,046	c 63	658	359,150	d 1,142	36	19,814

a Accidents of this class were described as "serious accidents" in reports of the Bureau of Mines prior to 1914.

b Includes one permanent total disability.

c Including one fatal accident, which occurred in connection with the sinking of a shaft, and which was not tabulated by the Inspector of Mines as a mine accident.

d Includes two permanent total disabilities.

TABLE 25—NUMBER OF MEN EMPLOYED AND TONS OF COAL MINED PER FATAL ACCIDENT AND PER ACCIDENT RESULTING IN A DISABILITY OF MORE THAN THREE WEEKS (a), FOR EACH YEAR FROM 1884 TO 1915 INCLUSIVE.

[The figures for "accidents resulting in a disability of more than three weeks" were reported for 1913 and previous years to the Bureau of Mines by the coal mine operators. The figures for 1914 and 1915 are based on accident claims for which awards were made by the Industrial Commission under the Workmen's Compensation Act.]

Year.	Total Number of Men Employed.	Tons Mined.	Fatal Accidents.			Accidents Resulting in a Disability of More Than Three Weeks. (a)		
			Number.	Number of Men Employed per Life Lost.	Tons of Coal Mined per Life Lost.	Number.	Number of Men Employed per Accident.	Tons of Coal Mined per Accident.
1884	20,101	7,650,062	26	773	294,233	40	503	191,262
1885	19,704	7,816,179	32	618	244,266	51	386	153,268
1886	20,437	8,435,211	43	475	196,168	62	330	136,052
1887	22,237	10,301,708	36	618	286,159	75	296	137,356
1888	21,801	10,910,946	29	752	376,240	78	290	139,884
1889	23,295	10,907,385	33	706	380,527	52	448	209,757
1890	22,192	11,788,859	42	528	280,687	52	427	226,709
1891	23,997	13,050,187	44	545	296,595	66	364	197,730
1892	26,972	14,599,908	42	642	347,617	93	290	156,968
1893	28,810	14,828,097	34	847	436,121	124	232	119,581
1894	31,493	11,910,219	45	709	264,672	116	271	101,674
1895	28,998	13,683,879	52	558	263,152	152	191	90,026
1896	28,446	12,912,608	41	694	314,942	159	179	81,211
1897	28,785	12,448,822	40	730	311,221	142	203	87,668
1898	28,365	14,058,155	55	516	255,603	155	183	90,697
1899	28,028	15,908,934	59	475	269,643	204	137	77,985
1900	31,702	19,426,649	68	466	285,686	207	153	92,849
1901	33,505	20,321,290	72	465	282,240	276	121	73,622
1902	37,421	23,929,267	81	462	295,423	298	126	80,300
1903	41,396	24,573,266	114	363	215,555	324	128	75,843
1904	45,834	24,583,815	118	388	208,337	316	145	77,797
1905	44,193	25,334,657	114	388	226,620	372	119	69,448
1906	46,501	27,213,495	127	306	214,279	384	121	70,868
1907	47,876	32,365,949	153	313	211,542	493	97	65,651
1908	50,267	26,287,800	112	449	234,712	426	118	61,708
1909	47,019	27,755,032	115	409	241,348	467	101	69,483
1910	48,830	34,424,951	161	903	213,320	471	104	73,089
1911	48,407	30,342,039	109	444	278,367	375	129	80,912
1912	47,234	34,444,291	136	347	253,267	395	120	87,201
1913	48,420	36,285,468	165	293	219,912	530	91	63,463
1914 ^b	46,965	18,736,407	61	770	307,154	901	62	20,795
1915	41,430	22,627,046	63	658	359,159	c 1,142	36	19,314

a Accidents of this class were described as "serious accidents" in reports of the Bureau of Mines prior to 1914.

b Three deaths, one in each of the three counties of Athens, Guernsey and Meigs, occurred during 1915, which were the results of accidents occurring in 1914, but which were not included in the fatal accidents as reported for that year. These three deaths have been added to the total for 1914, thus raising the number of fatal accidents from 58, as published in Report No. 19, Department of Investigation and Statistics, "Statistics of Mines and Quarries in Ohio, 1914" to 61, and the number of employees and number of tons of coal mined per fatal accident, have been revised accordingly. These three accidents have been deducted from 904, the number of accidents resulting in disability of more than three weeks, tabulated for 1914, thus reducing the number of accidents of that class to 901, and necessitating a revision of the figures for number of employees and number of tons of coal mined per accident resulting in a disability of more than three weeks.

c Includes two permanent total disabilities.

[Medical and hospital expenses of firms carrying self-insurance under the state plan are not included in this statement, as under the law treatment is provided by such firms.]

County.	Fatal Accidents.		Accidents Causing Permanent Partial Disability.		Accidents Causing Temporary Disability for More Than Seven Days.		Accidents Causing Temporary Disability for Seven Days or Less.		Grand Total. ^c	
	Number of Claims.	Total Amount Awarded (Including Death Benefits, Medical and Hospital, and Funeral Expenses.)	Number of Claims.	Total Amount Awarded (Including Compensation and Hospital Expenses.)	Number of Claims.	Total Amount Awarded (Including Compensation and Hospital Expenses.)	Number of Claims.	Total Amount Awarded (Including Medical and Hospital Expenses Only Under This Act.)		
Athens	8	\$12,130 50	10	\$6,317 00	264	\$8,989 21	81	\$80 00	384	\$23,624 82
Belmont	9	18,341 62	6	4,866 00	332	13,163 40	157	444 00	504	36,816 02
Carroll	2	5,677 75	4	2,940 00	91	6,076 25	8	34 00	2	106 00
Columbiana	2	4,659 00	4	2,940 00	30	1,378 00	1	2 00	105	14,728 00
Coshocton	2	3,524 00	11	2,184 00	314	12,677 57	187	122 00	33	6,089 00
Gallia	2	3,524 00	11	2,184 00	2	73 00	1	73 00	2	73 00
Guernsey	1	1,736 00	4	1,902 00	16	598 00	2	3 00	614	18,507 57
Harrison	1	1,736 00	4	1,902 00	66	2,339 00	24	35 00	18	862 00
Hocking	1	1,736 00	4	1,902 00	1	20 00	1	20 00	695	96,330 19
Holmes	1	2,431 00	2	432 00	78	4,941 14	18	136 00	1	20 00
Jackson	8	8,014 15	8	6,055 00	252	10,815 63	105	68 00	99	7,940 14
Jefferson	1	1,841 00	8	6,055 00	19	1,353 00	1	1 00	374	24,853 83
Lawrence	1	1,841 00	8	6,055 00	5	306 00	1	1 00	21	3,105 00
Mahoning	1	1,841 00	8	6,055 00	1	27 00	1	27 00	6	305 00
Medina	3	8,672 00	6	3,723 00	100	6,049 00	3	12 00	112	18,456 00
Melgs	3	8,672 00	6	3,723 00	9	375 00	8	9 00	9	375 00
Morgan	3	8,672 00	6	3,723 00	42	2,177 00	8	9 00	54	3,301 00
Muskingum	2	7,320 00	4	1,115 00	82	779 00	34	72 00	70	8,312 00
Noble	2	3,232 80	2	190 00	121	4,884 00	25	19 00	150	8,425 80
Perry	2	2,573 00	2	1,173 00	9	724 20	11	37 00	11	4,470 20
Portage	1	3,780 00	2	662 00	61	4,091 41	10	37 00	11	4,690 41
Starke	1	3,780 00	2	662 00	11	849 00	13	47 00	73	4,629 00
Summit	4	11,535 50	3	1,434 00	117	5,151 00	18	5 00	12	18,217 50
Tuscarawas	4	11,535 50	3	1,434 00	6	197 00	2	5 00	8	202 00
Vinton	4	11,535 50	3	1,434 00	2	258 00	8	5 00	4	555 00
Wayne	4	11,535 50	3	1,434 00	2	258 00	8	5 00	4	555 00
State	48	\$35,518 82	67	\$33,554 00	1,981	\$88,356 86	680	\$1,055 00	2,778	\$422,060 28

^a Including one award for permanent total disability not shown in table for an accident which occurred in Athens County in December, 1914, but was not passed upon until January, 1915. There was awarded in this case compensation at the rate of \$12.00 per week, of which \$27.91 was paid during the period covered by this report. This included a lump sum of \$200.00 which, based on the life expectancy of claimant, absorbed twenty-five cents of the \$12.00 award, and compensation is made, therefore, on a basis of \$11.75 per week, which he will continue to receive during the remainder of his life. Medical and hospital expenses paid amounted to \$200.00.

^b Including one award for permanent total disability not shown in table for an accident which occurred in Hocking County in March, 1915. During the period covered by this report there was awarded in this case compensation at the rate of \$1.55 per week, of which \$38.19 was paid. This man will continue to receive \$7.65 per week for the remainder of his life.

^c Including the two permanent total cases as noted in ^a and ^b.

TABLE 27—ADDITIONAL ALLOWANCES AWARDED DURING THE YEAR ENDING DECEMBER 31, 1915, ON CLAIMS ADJUDICATED PRIOR TO JANUARY, 1, 1915. BY COUNTIES.

County.	Fatal Cases.		Permanent Total Disability.		Permanent Partial Disability.		Temporary Disability.		Grand Total.	
	Number of Awards.	Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Awards.	Amount Awarded.	Number of Awards.	Amount Awarded.	Total Number of Claims for Which Additional Allowances Were Made.	Total Amount Awarded.
Athens	1	\$2,780 87	1	\$456 00			11	\$1,748 65	13	\$4,945 52
Belmont							4	620 71	4	620 71
Columbiana							3	65 68	3	65 68
Coshocton			a 1	624 00					1	624 00
Guernsey	1	2,668 60			1	5 00	7	773 94	9	3,446 94
Hocking							3	481 21	3	481 21
Jackson					1	405 00	6	338 79	7	743 79
Jefferson					1	1,659 84	1	2 00	2	1,661 84
Mahoning							1	374 04	1	374 04
Melgs	2	1,638 04			1	3,344 55	4	104 71	7	5,185 30
Morgan							1	154 28	1	154 28
Muskingum							6	587 35	6	587 35
Perry			a 1	459 16			5	640 39	6	1,100 65
Portage							4	912 07	4	912 07
Stark					2	1,271 67	4	266 68	6	1,538 35
State	4	\$7,134 91	3	\$1,459 16	6	\$6,688 06	60	\$7,071 00	73	\$32,391 13

a Carried as temporary total during 1914.

**TABLE 28—TIME COST OF COAL MINE ACCIDENTS DURING THE YEAR
ENDING DECEMBER 31, 1915. BY COUNTIES.**

A. FATAL ACCIDENTS.

[This table is based upon claims for fatal accidents as tabulated by the Department of Investigation and Statistics. See prefatory note to table 24.]

County.	Number of Acci- dents.	Total Life Expectancy According to Carlisle Mortality Table (Years).
Athens	8	253.83
Belmont	9	219.19
Columbiana	2	52.14
Coshocton	2	54.66
Guernsey	2	58.86
Hocking	1	34.34
Jackson	1	18.28
Jefferson	8	238.70
Lawrence	1	24.46
Meigs	3	67.50
Noble	3	78.25
Perry	2	56.56
Portage	1	22.50
Summit	1	40.04
Tuscarawas	4	110.13
State	48	1,329.44

B. ACCIDENTS CAUSING PERMANENT TOTAL DISABILITY.

County.	Number of Acci- dents.	Age When Disabled.	Total Life Expectancy According to Carlisle Mortality Table (Years).
Athens	1	22	40.04
Hocking	1	19	42.17
State	2	.....	82.31

C. ACCIDENTS CAUSING PERMANENT PARTIAL DISABILITY.

County.	Number of Accidents.	Number of Days for Which Compensation Was Allowed Under the Ohio Law.
Athens	10	3,393
Belmont	6	3,325
Columbiana	4	2,240
Guernsey	11	1,801
Harrison	1	152
Hocking	4	1,377
Jackson	2	269
Jefferson	8	3,981
Meigs	6	2,956
Muskingum	4	724
Noble	1	163
Perry	2	163
Portage	1	700
Stark	2	455
Tuscarawas	3	323
Wayne	2	140
State	67	23,167

D. ACCIDENTS CAUSING TEMPORARY DISABILITY.

County.	Accidents Causing Disability of More Than Seven Days.		Accidents Causing Disability of Seven Days or Less.		Total.	
	Number of Accidents.	Total Number of Days Lost.	Number of Accidents.	Total Number of Days Lost.	Number of Accidents.	Total Number of Days Lost.
Athens	264	8,123	81	223	345	8,346
Belmont	332	9,451	157	445	489	9,896
Carroll	2	69			2	69
Columbiana	91	3,752	8	14	99	3,766
Coshocton	30	1,040	1	4	31	1,044
Gallia	2	64			2	64
Guernsey	314	10,691	187	732	501	11,423
Harrison	15	406	2	10	17	416
Hocking	65	2,025	24	101	89	2,126
Holmes	1	21			1	21
Jackson	78	3,229	18	79	96	3,308
Jefferson	252	7,604	106	362	358	7,966
Lawrence	19	916	1		20	916
Mahoning	5	197			5	197
Medina	1	23			1	23
Meigs	100	4,091	3	9	103	4,100
Morgan	9	266			9	266
Muskingum	42	1,422	8	9	50	1,431
Noble	32	1,031	34	150	66	1,181
Perry	121	4,405	25	79	146	4,484
Portage	9	610			9	610
Stark	61	2,540	10	23	71	2,563
Summit	11	509			11	509
Tuscarawas	117	3,535	13	42	130	3,577
Vinton	6	157	2	6	8	163
Wayne	2	135			2	135
State	1,981	66,312	680	2,294	2,661	68,606

**TABLE 29—SUMMARY OF CAUSES OF FATAL ACCIDENTS DURING THE
YEAR ENDING DECEMBER 31, 1915. BY COUNTIES.**

[The number of fatalities ascribed to each specific cause is entered in parenthesis after the description of the cause.]

ATHENS COUNTY—

- Falls of coal—Crushed by fall of coal in mine. (1)
- Falls of roof—Blasting coal. Had fired a shot and went back to see the result, when slate fell, killing him instantly. (1)
- Crushed by fall of slate from roof. (2)
- Caught by fall of slate. Chest crushed and leg broken. (1)
- A fall of soapstone which lies between two seams caught him, breaking his neck and crushing chest and hips. (1)
- Mine cars and Motors—Loading car with lump coal and stood on running board while car was being moved. A lump of coal projecting over side of car caught his clothing and dragged him between car and upright timbers. Bruised through abdomen. Peritonitis developed, causing death three weeks later. (1)
- Lost control of locomotive which ran into pit cars. The impact forced the first car over on him and he was squeezed between car and locomotive. Internal hemorrhage, causing death same day. (1)

BELMONT COUNTY—

- Electric shock—Tripped and fell against the controller box of mining machine. (1)
- Electrocuted in coal mine. Placed hand on board which protected the wire. (1)
- Falls of roof—Taking motor into mine when wooden timber from roof gave way and fell on him, crushing head and chest. (1)
- Loading coal in mine. Head and body crushed by falling stone. (1)
- Loading coal in mine when stone fell, crushing skull. (1)
- Digging up bottom coal to finish last car in his place. Skull crushed by falling stone. (1)
- Testing roof, and as he struck the top with pick, it fell and crushed him, causing death two hours later. (1)
- Mine cars and Motors—Deceased was riding out of mine on the motor and ran into a trap door. Leg crushed and internal injuries, causing hemorrhage. (1)
- Motorman, backing a trip up the entry where deceased had pushed a car, caught deceased between car and face of coal, crushing chest. (1)

COLUMBIANA COUNTY—

- Falls of earth masses—Sinking mine shaft. Had reached depth of 18 feet when he was crushed by a slide of earth. (1)
- Falls of roof—In running motor into mine with trolley pole ahead of him, trolley pole flew off wire, knocking timbers out of roof of mine, and man was suffocated by loose dirt falling on him. (1)

COSHOCTON COUNTY—

- Explosion of powder—Blasting slate in mine. One of the shots exploded and after waiting a few minutes, man went back to investigate the other, which exploded just as he neared the place, and he was crushed under mass of rock. (1)
- Falls of roof—Deceased was working on small break through between two rooms when rock fell, crushing spine. (1)

GUERNSEY COUNTY—

- Falls of coal—Chest crushed by fall of coal in mine. (1)
- Falls of roof—Was going to place to work. Slate fell from roof upon his back, fracturing his spine. (1)

HOCKING COUNTY—

- Falls of roof—Head crushed by fall of slate in mine. (1)

JACKSON COUNTY—

- Falls of roof—Caught by fall of slate, crushing chest and abdomen. (1)

JEFFERSON COUNTY—

- Falls of draw-slate—Skull fractured by fall of draw-slate. (1)
- Falls of roof—Pulling a post and as post came loose, rock above fell, fracturing skull. (1)
- Crushed by fall of slate in mine. (1)
- Deceased was loading cars in mine when he was caught by fall of stone. Arm broken and internal injuries. (1)
- Stone fell from roof crushing head and chest. (1)
- Mine cars—While coupling cars in coal mine, was caught between the cars. Rib fractured, which penetrated lung, also internal injuries. (1)
- Four loaded cars broke loose from motor trip catching deceased, who was run over by one of the cars. (1)
- Deceased found under mine car. It was supposed that after starting car he attempted to get on the front of it and fell. (1)

LAWRENCE COUNTY—

- Falls of roof—Caught by fall of slate, crushing chest. (1)

TABLE 29—SUMMARY OF CAUSES OF FATAL ACCIDENTS DURING THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES—Concluded.

MEIGS COUNTY—

Falls of draw-slate—Eating lunch in mine entry when draw-slate fell on him. (1)
 Falls of roof—Skull fractured by fall of slate, causing instant death. (1)
 Mine cars—While passing through an air door at the same time a loaded trip of two coal cars was passing same place, it is supposed that his clothes were caught and he was thrown under the cars. (1)

NOBLE COUNTY—

Falls of coal—Removing binder under coal that was shot when it gave way, crushing chest, one rib puncturing lung and causing traumatic pneumonia, which resulted in death. (1)
 Falls of draw-slate—Skull fractured by fall of draw-slate. (1)
 Mine cars—No witness to accident, but deceased had apparently been run over by two loaded mine cars. Left leg broken above and below knee, right leg broken and mashed and head bruised. Death due to loss of blood. (1)

PERRY COUNTY—

Falls of coal—Caught under fall of coal in mine, fracturing skull and causing instant death. (1)
 While loading coal, face of coal fell on deceased, fracturing legs and ribs. Death due to heart failure from shock of injuries. (1)

PORTAGE COUNTY—

Mine cars—Struck by mine car while descending shaft. Ribs broken which penetrated lung, causing death. (1)

SUMMIT COUNTY—

Falls of roof—Drilling a hole in the coal when he was crushed by fall of slate. Internal injuries, causing death same day. (1)

TUSCARAWAS COUNTY—

Falls—Slipped and fell striking left hip. Blood poison developed, of which he died two weeks later. (1)
 Falls of coal—Undermining shot of coal when it fell, crushing head and shoulders. (1)
 Falls of roof—Head crushed by fall of stone. (1)
 Crushed by fall of rock from roof while working in entry. Found lying under mass of stone. (1)

TABLE 30.—NUMBER OF NON-FATAL ACCIDENTS ASCRIBED TO EACH SPECIFIED CAUSE DURING THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES.

A. PERMANENT TOTAL DISABILITY.

ATHENS COUNTY—Injured was working on a mining machine handled by a self-propelling truck; had set some bits before unloading, using power to span the chain; they neglected to disconnect power, and when he started to unload, the cable caught over the starting lever, catching injured in bits, drawing him into machine. Both legs amputated.

HOCKING COUNTY—Trying to board motor trip and fell under car. Both feet amputated.

B. PERMANENT PARTIAL DISABILITY.

Cause.	County.															State.	
	Ath- ens.	Bel- mont.	Co- lum- bi- ana.	Guar- sey.	Har- rison.	Hock- ing. son.	Jack- son.	Jef- fer- son.	Medga. son.	Mus- kin- gum.	Noble.	Per- ry.	Por- tage.	Stark.	Tus- cara- was.		Wayne.
ACCIDENTS DUE TO MACHINERY—																	
Cog, gear and friction wheels.....	2						1		1	1						1	
Mining machines.....									1								
ACCIDENTS DUE TO OBJECTS—																	
From flying or recoiling objects.....															1		
Cave-ins and falls or rolls of rock or earth masses.....	1																
Falls of rock.....	1				1												
Falls of draw-slate.....						1		2	1								
Falling or shifting objects or tools while loading or unloading by hand.....									2								
While boarding or alighting while conveyance was moving.....						1											1
ACCIDENTS DUE TO CONVEY- ANCES RUNNING ON TRACKS—																	
Braking and switching.....	2		1		1		1		1	1		1			2		
Coupling and uncoupling.....			1					1									
Derailments.....			1														
Jammed between mine cars or be- tween car and rib.....	1				2									1			
Run down or struck by car.....					1												
Mine cars, miscellaneous.....	1				1							1					
ACCIDENTS DUE TO HORSES AND MULES—																	
Kicks.....			1														
Bites.....																	
Horses and mules, miscellaneous.....									1							1	
ACCIDENTS DUE TO HAND- TOOLS AND SIMPLE APPARA- TUS—	3	2	2	2	2	2	2	4							1		
ACCIDENTS DUE TO MISCEL- LANEOUS CAUSES.....																	
State.....	10	6	4	11	11	1	4	2	8	6	4	1	3	1	2	3	37

TABLE 30—NUMBER OF NON-FATAL ACCIDENTS ASCRIBED TO EACH SPECIFIED CAUSE DURING THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES—Continued.

C. TEMPORARY DISABILITY.

Cause.	County.					
	Athens.	Belmont.	Carroll.	Columbiana.	Coshocton.	Gallia. Guernsey.
ACCIDENTS DUE TO MACHINERY—						
Motors and engines—						
Electric motors and dynamos.....						1
Gas and gasoline engines.....	1	1				1
Steam engines.....						
Motors and engines, miscellaneous.....						
Transmission apparatus—						
Cog, gear and friction wheels.....	1					
Shafts and shaft couplings.....				1		
Sheave drums and cables.....						
Working machines—						
Emery wheels—flying particles.....	1	2				3
Mining machines.....	2	19		5		12
Power hammers.....						2
Saws.....		1				
Stamping, shearing and punching machines.....						1
Steam, compressed air and electric drills.....						2
Ventilating and exhaust machines.....						
Working machines, miscellaneous.....		1				2
Hoisting apparatus and conveyors—						
Block and tackle, windlasses, capstans, pulleys.....						2
Conveyors.....	1					
Cranes.....	1					1
Derricks.....		1				
Elevators.....	1	1				
Hoists.....	3					
Mine cages.....				1		
Self-acting inclined planes.....				1		
Hoisting apparatus, miscellaneous.....	1					
ACCIDENTS DUE TO ASSEMBLING AND FITTING OF PARTS OF MACHINES, ETC.						
Machinery not otherwise classified.....	1			1		1
ACCIDENTS DUE TO NATURE OF MATERIAL USED OR SIMILAR WORKING CONDITIONS—						
Corrosive materials.....						
Electricity—						
Burns.....	1	4		1	1	4
Falls due to shocks.....						
Shocks.....						1
Electricity, miscellaneous.....						1
Explosions and heat of explosive substances—						
Of gas.....		1				3
Of petroleum, benzine, gasoline, etc.....						
Of powder and other high explosives—						
Regular.....	1	1				1
Premature.....				1	1	
Other.....	1				1	
Of steam, steam boilers, steam pipes, etc.....	1					1
Explosions, miscellaneous.....	1					1
Hot materials, hot objects and great heat—						
Catching fire from miscellaneous sources.....		1				
Flames out of ovens, furnaces, etc.....						1
Hot liquids and hot water.....						1
Hot objects or tools.....	2	3				1
Hot or glowing masses, miscellaneous.....	1	1				1
Injuries due to handling glass, porcelain and similar material.....	2					
Injuries due to nature of material, not otherwise classified.....						1
ACCIDENTS DUE TO OBJECTS—						
Flying or recoiling objects.....	9	21		2		14
Bumping against objects and tools.....	3	5				15
Falling, sliding, shifting or rolling objects—						
Breaking down of scaffolds, ladders, staging or other temporary structures.....		3			1	1
Cave-ins and falls or rolls of rock, sand or earth masses.....	2	14		1		5
Falls of coal.....	35	48		10	3	35

TABLE 30.—NUMBER OF NON-FATAL ACCIDENTS ASCRIBED TO EACH SPECIFIED CAUSE DURING THE YEAR ENDING DECEMBER 1915. BY COUNTIES—Continued.

C. TEMPORARY DISABILITY.

[illegible]

TABLE 30—NUMBER OF NON-FATAL ACCIDENTS ASCRIBED TO EACH SPECIFIED CAUSE DURING THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES—Continued.

C. TEMPORARY DISABILITY—Continued.

Cause.	County.						
	Athens.	Belmont.	Carroll.	Columbiana.	Coshocton.	Gallia.	Guernsey.
ACCIDENTS DUE TO OBJECTS—Concluded.							
Falls of roof.....	22	64		7	5		18
Falls of draw-plate.....	25	20	1	13	5		31
Falling down or shifting of piled up objects.....	3	2					5
Falling or shifting objects or tools while loading or unloading by hand.....	24	20		5	2		33
Falling or shifting or dropping objects or tools as a result of handling, moving, etc., by hand.....	27	68		4	2		44
Mine squeeze.....	1			1			
Falling, sliding, etc., of miscellaneous objects.....	3	11		2			7
Handling sharp edge objects.....	1	3					1
Nails, splinters, etc., attached.....	2						2
Stepping on nails or other sharp objects.....	3	1					6
Doors, gates (exclusive of elevator gates) and windows.....	1	1					4
Objects, not otherwise classified.....	1	4					
ACCIDENTS DUE TO CARRYING, LIFTING OR HANDLING GREAT WEIGHTS.....	6	23	1	4	1		11
ACCIDENTS DUE TO FALLS (EXCLUSIVE OF FALLS FROM HORSES OR OTHER ANIMALS)—							
Caused by tools slipping.....	2			1			2
From means of ascent—							
From ladders.....		1					
From stairs.....		1					
From structural work, buildings and other considerable heights.....	1				1		
Falling, slipping or stumbling on ordinary surfaces.....	8	8		1	1		9
Falling, slipping or stumbling over objects.....	7	6		1			3
From mine cars and other conveyances running on tracks (exclusive of those falls where a horse or draft animal was the primary cause)—							
Off of moving conveyance.....							2
While boarding or alighting while conveyance was standing still.....		1		1			1
While boarding or alighting while conveyance was moving.....	2						
Falls from mine cars, etc., miscellaneous.....	1						
From all other means of transportation (exclusive of those falls where a horse or other draft animal was the primary cause)—							
Off of moving conveyance.....							
While boarding or alighting while conveyance was standing still.....	1						
While boarding or alighting while conveyance was moving.....							
Falls from other means of transportation, miscellaneous.....							1
Into excavations, empty vats, etc.....		1					
Falls from and injuries due to jumping.....							1
Falls, not otherwise classified.....	2	1					1
ACCIDENTS DUE TO CONVEYANCES RUNNING ON TRACKS (EXCLUSIVE OF FALLS AND OF ACCIDENTS WHERE A HORSE OR OTHER DRAFT ANIMAL WAS THE PRIMARY CAUSE)—							
Braking and switching.....		3					1
Contact with superstructure or roof.....		2					4
Collisions of two conveyances on tracks.....	1			1			2
Coupling and uncoupling cars.....	6	7					14
Derailments.....	5	7		1			13
Getting cars on or off track.....		4		2			9
Jammed between cars.....	3	7		4			3
Jammed between mine car and rib.....	14	28		7	2		23
Run down or struck by trip or train.....	6	3					12
Mine cars, miscellaneous.....	7	7		8			11
Trains, etc., not otherwise classified.....	9						1

TABLE 30—NUMBER OF NON-FATAL ACCIDENTS ASCRIBED TO EACH SPECIFIED CAUSE DURING THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES—Continued.

C. TEMPORARY DISABILITY—Continued.

[illegible]

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TABLE 30—NUMBER OF NON-FATAL ACCIDENTS ASCRIBED TO EACH SPECIFIED CAUSE DURING THE YEAR ENDING DECEMBER '31, 1915. BY COUNTIES—Concluded.

C. TEMPORARY DISABILITY—Concluded.

Cause.	County.						
	Athens.	Belmont.	Carroll.	Columbiana.	Coshocton.	Galla.	Guernsey.
ACCIDENTS DUE TO OTHER MEANS OF TRANSPORTATION (EXCLUSIVE OF FALLS AND OF THOSE ACCIDENTS WHERE A HORSE OR OTHER DRAFT ANIMAL WAS THE PRIMARY CAUSE)—							
Collisions (including collisions of vehicles with trains or cars).....		1					
Run down or struck by moving vehicle.....							
Due to being ditched or overturned.....							
Jammed between vehicles, between vehicles and objects, etc.....							1
Other means of transportation, not otherwise classified.....							
ACCIDENTS DUE TO HORSES AND MULES—							
Falls off of.....		1					
Kicks.....	2	2					8
Runaways.....		1					3
Due to sudden stops or starts.....		1					3
Horses and mules, miscellaneous.....	4	5					7
ACCIDENTS DUE TO HAND (TRADE) TOOLS AND SIMPLE APPARATUS.....	46	48		10	5	1	74
ACCIDENTS DUE TO MISCELLANEOUS CAUSES...	9	8		2		1	15
Total	345	459	2	99	31	2	501

TABLE 30—NUMBER OF NON-FATAL ACCIDENTS ASCRIBED TO EACH SPECIFIED CAUSE DURING THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES—Concluded.

C. TEMPORARY DISABILITY—Concluded.

County.																			
Harrison.	Hocking.	Holmes.	Jackson.	Jefferson.	Lawrence.	Mahoning.	Medina.	Meigs.	Morgan.	Muskingum.	Noble.	Perry.	Portage.	Stark.	Summit.	Tuscarawas.	Vinton.	Wayne.	State.
.....	1	.....	1	1	.....	.....	.....	1	.....	.....	.....	1	.....	1	.....	.....	.....	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
.....	.....	.....	3	2	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	2
.....	2	.....	1	3	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	18
.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	1	.....	1	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
4	9	1	7	35	2	.....	.....	8	.....	5	6	14	.....	5	1	17	.....	.....	298
3	3	.....	4	6	.....	.....	.....	1	.....	1	.....	4	.....	.....	.....	3	.....	.....	57
17	89	1	96	358	20	5	1	103	9	50	66	146	9	71	11	130	8	2	2,661

TABLE 31—ACCIDENTS RESULTING IN TEMPORARY DISABILITY DURING THE YEAR ENDING DECEMBER 31, 1915, CLASSIFIED BY NATURE OF INJURY AND BY PART OF BODY INJURED.

Nature of Injury and Part of Body.	Number of Claims.	Nature of Injury and Part of Body.	Number of Claims.
Abrasions, Bruises, Contusions, Crushes, Cuts, Lacerations, Punctures (Including wounds from splinters) and Scratches—		Trunk—	
Head, neck and face—		Collar bone	13
Eye or eyelids.....	107	Rib or ribs.....	88
Face	14	Pelvic bone or bones.....	1
All other.....	108	All other.....	8
Trunk—		Upper extremities—	
Back, chest, sides, abdomen	97	Fingers, thumb, hand—any bone	56
Groin, testicles, scrotum.....	11	Wrist	6
All other	25	Arm	37
Upper extremities—		Lower extremities—	
Fingers, thumb, hand.....	569	Toes or foot—any bone....	69
Wrist	19	Ankle	21
All other	72	Knee cap	2
Lower extremities—		Leg	60
Toes, foot	329	Hip	3
Ankle	25	All other	6
All other	234	Not otherwise classified.....	4
Not otherwise classified.....	61	Freezing and Frost Bites.....	1
Amputation or Loss of Part Not Sufficient to Cause Permanent Disability—		Hernia—	
Tooth or teeth.....	4	Inguinal	16
Portions of fingers.....	12	Traumatic	1
Portions of toes.....	2	Internal Injuries	6
Amputations, Other—		Photophobia (Extreme Sensitivity to Light).....	4
Temporary disability exceeding permanent disability (a)	1	Rupture of Muscles or Tendons	9
Temporary disability but became permanent partial in 1916 (b).....	2	Sprains and Strains—	
Burns (Including Electric Burns), Cauterizations, Scalds—		Head and neck—	
Head, neck and face—		Neck	1
Eyes or eyelids.....	9	Trunk—	
Face	5	Back	86
All other	5	Side	28
Trunk—		Groin	2
Collar bone	2	All other	15
Upper extremities—		Upper extremities—	
Fingers, thumb, hand.....	15	Fingers, thumb, hand—any joint	1
All other	15	Wrist	14
Lower extremities—		Shoulder	6
Toes, foot	2	All other	13
All other	5	Lower extremities—	
Not otherwise classified.....	10	Foot, toes—any joint.....	7
Dislocations—		Ankle	74
Trunk—		Knee	25
Collar bone	1	Hip	9
Upper extremities—		All other	19
Fingers, thumb, hand—any joint	10	Not otherwise classified.....	3
Wrist	7	Suffocation	1
Elbow	2	Synovitis and Tenosynovitis....	2
Shoulder	8	Simultaneous Injuries of Two or More Types—	
All other	1	Head, neck and face.....	1
Lower extremities—		Trunk—	
Toes, foot—any joint.....	3	Back	1
Ankle	5	Upper extremities—	
All other	7	Fingers, thumb, hand.....	1
Foreign Body in Eye.....	65	All other	2
Fractures—		Lower extremities—	
Head, neck, face—		Toes, foot	2
Skull	2	All other	7
All other	7	Simultaneous Injuries of Two or More Types, to Two or More Parts of the Body, All Other Complicated and General Injuries, Impossible to Localize, and Miscellaneous Injuries	51
		Total	2,661

(a) In this case, the employee suffered temporary disability in connection with his injury which entitled him to compensation in excess of what the award would have been for the permanent partial disability which resulted.

(b) These two cases were carried as temporary disabilities to December 31, 1915, but were determined to be permanent partial disabilities after that date.

TABLE 32—DURATION OF DISABILITY IN ACCIDENTS CAUSING TEMPORARY DISABILITY, DURING THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES

County.	Total Number of Accidents for Which Claims Were Allowed.	Number of Accidents in Which Disability Terminated Within					
		First Week.	Second Week.	Third Week.	Fourth Week.	Fifth Week. to Thirtieth Week.	Fourteenth Week or Later.
Athens	345	82	72	43	45	96	7
Belmont	489	166	90	81	44	100	8
Carroll	2			1		1	
Columbiana	99	8	17	23	13	29	9
Coshocton	31	1	3	9	4	11	3
Gallia	2				1	1	
Guernsey	501	187	75	78	40	107	14
Harrison	17	2	5	4	2	4	
Hocking	89	24	15	17	9	22	2
Holmes	1			1			
Jackson	96	18	16	19	14	21	3
Jefferson	358	108	55	56	50	78	11
Lawrence	20	1	2	2	5	9	1
Mahoning	5			1	2	2	
Medina	1				1		
Melgs	103	3	13	24	12	44	7
Morgan	9		1	1	2	5	
Muskingum	50	9	9	10	8	13	1
Noble	66	34	10	6	4	9	3
Perry	146	25	27	25	26	36	7
Portage	9		1	2	3	2	1
Stark	71	10	12	10	9	27	3
Summit	11		1	2	1	6	1
Tuscarawas	130	13	27	25	18	44	3
Vinton	8	3		3	1	1	
Wayne	2					2	
Total	2,661	694	451	443	314	670	89

^a This includes fourteen accidents resulting in temporary disability of more than seven days, but in which duration of disability had not been determined prior to December 31, 1915.

TABLE 33—LENGTH OF EXPERIENCE OF INJURED EMPLOYEES BEFORE ACCIDENT WITH EMPLOYER BY WHOM EMPLOYED AT THE TIME OF ACCIDENT FOR THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES.

[This table does not include 680 accidents causing temporary disability of 7 days or less.]

County.	Number of Claims Allowed Involving Disability of More Than 7 Days.	Number in Employ. Before Accident, for Each Classified Period of Time.				
		Less Than 1 Month.	1 Month and Under 6 Months.	6 Months and Under 1 Year.	1 Year and Over.	Time Not Reported.
Athens	283	19	42	23	196	3
Belmont	347	34	58	16	225	14
Carroll	2	1	1			
Columblana	97	12	18	11	54	2
Coshocton	32	5	10	1	15	1
Gallia	2				1	1
Guernsey	327	10	28	19	265	5
Harrison	16		2	3	9	2
Hocking	71	2	9		57	3
Holmes	1		1			
Jackson	81	6	22	5	42	6
Jefferson	268	18	48	25	168	9
Lawrence	20	1	5		13	1
Mahoning	5		1	1	2	1
Medina	1				1	
Meigs	109	4	26	11	63	5
Morgan	9		3		6	
Muskingum	46	2	10	1	30	3
Noble	36	1	3	2	29	1
Perry	125	3	20	8	91	3
Portage	11		2	2	6	1
Stark	63	3	20	6	32	2
Summit	12		4	3	4	1
Tuscarawas	124	14	28	16	59	7
Vinton	6	1	3		2	
Wayne	4		1		3	
Total	2,098	136	365	153	1,373	71

TABLE 34—NUMBER OF ACCIDENTS OCCURRING DURING EACH HOUR
OF THE DAY, FOR THE YEAR ENDING DECEMBER 31, 1915.

Hour of day.	Number of accidents occurring during each hour
A. M. 12 (midnight)—12:59	21
1- 1:59	13
2- 2:59	6
3- 3:59	5
4- 4:59	5
5- 5:59	7
6- 6:59	25
7- 7:59	138
8- 8:59	262
9- 9:59	343
10-10:59	428
11-11:59	220
P. M. 12 (noon)—12:59	120
1- 1:59	249
2- 2:59	373
3- 3:59	220
4- 4:59	56
5- 5:59	29
6- 6:59	28
7- 7:59	34
8- 8:59	32
9- 9:59	38
10-10:59	41
11-11:59	26
Not reported	59
Total	2,778

TABLE 35—NUMBER OF ACCIDENTS OCCURRING ON EACH DAY OF THE WEEK DURING THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES.

County.	Total Number of Claims Allowed.	Number of Accidents Occurring On						
		Sunday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
Athens	364	4	80	58	54	55	72	61
Belmont	504	8	100	83	83	75	86	69
Carroll	2				1		1	
Columbiana	105	3	20	22	18	14	15	13
Coshocton	33		6	6	6	5	6	4
Gallia	2				1	1		
Guernsey	514	8	99	80	85	91	81	70
Harrison	18	1	4	1	2	4	4	2
Hocking	95	1	17	17	14	18	15	13
Holmes	1			1				
Jackson	99	2	23	13	10	19	13	19
Jefferson	374	3	65	68	53	60	70	56
Lawrence	21	1	5	2	3	2	3	5
Mahoning	5		1	1		1		2
Medina	1							1
Meigs	112		18	24	15	21	20	14
Morgan	9			1	4	1	2	1
Muskingum	54	2	6	16	7	8	7	8
Noble	70	1	12	14	10	11	15	7
Perry	150	3	27	28	26	31	15	20
Portage	11		3		4	1	2	1
Stark	73		14	14	10	6	12	17
Summit	12		2	1	3	4	2	
Tuscarawas	137	2	19	23	24	25	21	23
Vinton	8		1	2			3	2
Wayne	4	1		2		1		
Total	2,778	39	502	477	433	454	465	408

TABLE 36—NUMBER OF INJURED EMPLOYEES ABLE AND UNABLE TO SPEAK ENGLISH FOR THE YEAR ENDING DECEMBER 31, 1915. BY COUNTIES.

[This table does not include 690 accidents causing temporary disability of 7 days or less.]

County.	Number of Claims Allowed.	Number of Injured Able to Speak English.	Number of Injured Not Able Speak to English.	Number of Injured Where no Report as to Ability to Speak English
Athens	283	278	2	3
Belmont	347	317	13	17
Carroll	2	2		
Columblana	97	95	1	1
Coshocton	32	30	1	1
Gallia	2	2		
Guernsey	327	321	6	
Harrison	16	16		
Hocking	71	67	4	
Holmes	1	1		
Jackson	81	79	1	1
Jefferson	268	250	15	3
Lawrence	20	20		
Mahoning	5	5		
Medina	1	1		
Meigs	109	107	1	1
Morgan	9	9		
Muskingum	46	46		
Noble	36	35		1
Perry	125	119	4	2
Portage	11	11		
Stark	63	62	1	
Summit	12	11	1	
Tuscarawas	124	121	1	2
Vinton	6	6		
Wayne	4	4		
Total	2,098	2,015	51	32

FIRE CLAY MINES

(75)

FIRE CLAY MINES.

PRODUCTION.

During the year ending December 31, 1915, 2,049,664 tons of fire clay were mined in Ohio. This is a gain of 43,284 tons, or 2.2 per cent below the production for 1914 (a). Ninety-three mines reported production during the year. The following table shows the annual fire clay production of the state from 1884 to 1915, inclusive, and annual gain or loss for each year compared with the year next preceding:

ANNUAL FIRE CLAY PRODUCTION FROM 1884 TO 1915 INCLUSIVE, AND ANNUAL GAIN OR LOSS COMPARED WITH PRECEDING YEAR.

Year.	Tons Produced.	Gain.		Loss.	
		Tons.	Per Cent.	Tons.	Per Cent.
1884	168,208				
1885	153,756			14,452	8.5
1886	266,709	112,953	73.5		
1887	366,476	99,767	37.4		
1888	471,794	105,318	28.7		
1889	574,129	102,335	21.7		
1890	833,159	259,030	45.1		
1891	1,087,580	254,401	30.5		
1892	1,253,110	165,550	15.2		
1893	1,032,348			220,762	17.6
1894	942,913			89,435	8.6
1895	844,832			98,081	10.4
1896	827,450			17,382	2.1
1897	822,727			4,723	0.6
1898	1,026,922	204,195	24.8		
1899	1,173,697	146,775	14.3		
1900	1,473,068	299,391	25.5		
1901	1,337,181			135,907	9.2
1902	1,528,829	191,648	14.3		
1903	1,567,603	38,774	2.5		
1904	2,045,848	478,245	30.5		
1905	2,039,292			6,556	b
1906	2,126,179	86,887	4.3		
1907	2,177,174	50,995	2.4		
1908	2,004,019			173,155	8.0
1909	2,289,068	285,069	14.2		
1910	2,028,852			260,236	11.4
1911	2,309,188	280,336	13.8		
1912	2,353,510	44,322	1.9		
1913	2,442,121	88,611	3.8		
1914	2,006,380			435,741	17.8
1915	2,049,664	43,284	2.2		

a The production for 1914 was incorrectly stated as 2,318,120 tons in Report No. 19, Department of Investigation and Statistics, "Statistics of Mines and Quarries in Ohio, 1914." The correct figure is 2,006,380 tons, as stated in the present report.

b Less than one-tenth of one per cent.

• Compared with certain preceding years, the production for 1915 showed increases and decreases as follows:

- 2.2 per cent. greater than in 1914.
- 1.0 per cent. greater than in 1910.
- 0.5 per cent. greater than in 1905.
- 39.1 per cent. greater than in 1900.

Seventeen counties reported the production of fire clay. The production by counties, together with the per cent. of gain or loss as compared with 1914, is shown in the following table:

FIRE CLAY PRODUCTION FOR THE YEAR ENDING DECEMBER 31, 1915, COMPARED WITH THE YEAR ENDING DECEMBER 31, 1914. BY COUNTIES.

County.	Tons Produced.		Production for 1915 Compared With 1914.			
			Gain.		Loss.	
	1914.	1915.	Tons.	Per Cent.	Tons.	Per Cent.
Athens	76,117	90,151	14,034	18.4		
Belmont	6,000	7,500	1,500	25.0		
Carroll	307,425	249,028			58,397	19.0
Columbiana	209,858	221,026	11,168	5.3		
Guernsey	12,650	16,000	3,350	26.5		
Hocking	173,063	136,388			36,675	21.2
Jackson	13,341	20,171	6,830	51.2		
Jefferson	488,636	432,739			55,897	11.4
Lawrence	24,459	51,219	26,760	109.4		
Mahoning	4,597	27,687	23,090	502.3		
Muskingum	1,259	12,189	10,930	868.1		
Perry	88,210	85,193			3,017	3.4
Scioto	50,764	59,236	8,472	16.7		
Stark	181,374	204,073	22,699	12.5		
Summit	42,677	13,484			29,193	68.4
Tuscarawas	325,950	369,459	43,509	13.3		
Vinton		54,121	54,121			
State	2,006,380	2,049,664				

Net loss:

Tons 43,284

Per cent. 2.2

CHARACTER OF OPENING.

Eighty-eight fire clay mines of the state reported as to kind of opening as shown below:

Kind of Opening.	Number having each specified kind.
Drift	46
Slope	22
Shaft	11
Drift and slope.....	1
Drift and shaft.....	3
Stripping	2
Surface	3
Total number reporting.....	88

VENTILATION.

Eighty-four fire clay mines reported on mode of ventilation. They were distributed according to mode of ventilation as follows:

Mode of Ventilation.	Number having each specified kind.
Fan	37
Fire-basket	2
Furnace	17
Exhaust steam and furnace.....	1
Natural	25
Fan and natural.....	1
Fire-basket and natural.....	1
Total number reporting.....	84

NUMBER OF EMPLOYEES.

Prior to 1914, operators of fire clay mines were asked to report the *average* number of employees. For an employer to ascertain his average number of employees, however, involves a considerable amount of work, and the information received on schedules which call for the average number of employees, therefore, is likely to be only an estimate. The schedule used for the present report does not ask for the average number, but for the number actually employed on the fifteenth of each month, or for the payroll nearest the fifteenth. Eighty-nine mines reported on this inquiry. The maximum number of employees was for May, when 1,117 employees were reported as on their payrolls. The minimum number of employees was reported for February, when 842 men were reported as employed. The difference between the maximum and minimum was 275, a variation of 24.6 per cent. from the maximum.

The following table shows by months the number of employes on the fifteenth of each month, or for the payroll nearest the fifteenth, as reported by 89 mines in 1915, as compared with reports from the same number of establishments in 1915:

Month.	Number of employes on the 15th of each month.	
	1914.	1915.
January	1,143	889
February	1,136	842
March	1,187	1,003
April	1,302	1,042
May	1,415	1,117
June	1,394	1,113
July	1,421	1,074
August	1,440	1,039
September	1,386	1,072
October	1,361	1,062
November	1,265	1,108
December	1,151	1,132

DAYS IN OPERATION.

The following table shows the distribution of 87 fire clay mines of the state according to the number of days in operation during 1915, compared with the number of days in operation as reported by 89 mines in 1914:

Number of days in operation.	Number of mines reporting, 1914.	Number of mines reporting, 1915.
	(89 establishments.)	(87 establishments.)
Less than 100.....	4	7
100 but under 150.....	8	7
150 but under 200.....	12	6
200 but under 250.....	17	22
250 but under 300.....	38	30
300 but under 314.....	9	13
314 and over.....	1	2
Total	89	87

CLASSIFIED RATES OF WAGES.

Eighty-eight fire clay mines reported the classified weekly wages of their employes for the week of greatest employment during the year ending December 31, 1915.

The following table presents the classified rates of wages for 1,259 employes:

CLASSIFIED WEEKLY WAGES OF EMPLOYEES IN FIRE CLAY MINES FOR THE WEEK OF GREATEST EMPLOYMENT DURING THE YEAR ENDING DECEMBER 31, 1915.

[Eighty-eight operators reported classified weekly wages of employees.]

Occupation Group.	Number Receiving Each Classified Wage.										Total.
	Under \$6.	\$6 But Under \$7.	\$7 But Under \$8.	\$8 But Under \$9.	\$9 But Under \$10.	\$10 But Under \$12.	\$12 But Under \$15.	\$15 But Under \$18.	\$18 But Under \$25.	\$25 or Over.	
Wage-earners—											
Inside employees—											
Males—											
Adults (18 years of age or over).....	2	2	4	19	87	138	416	234	169	20	1,091
Young persons (under 18 years of age).....							3				3
Outside employees—											
Males—											
Adults (18 years of age or over).....		2		3	11	57	44	29	9	1	156
Bookkeepers, Stenographers, and Office Clerks—											
Males (18 years of age or over).....			1				1	1		1	4
Females (18 years of age or over).....					2		2	1			5
Total	2	4	5	22	100	195	466	265	178	22	1,259

TOTAL WAGE AND SALARY PAYMENTS.

The total amount reported by ninety fire clay mines as having been paid out during 1915 for wages and salaries was \$728,686. Five counties reported total payments for these purposes of more than \$50,000 during the year. In order of the amount paid out, they were as follows:

County.	Total wage and salary payments.
Tuscarawas	\$132,585
Jefferson	128,177
Stark	85,714
Carroll	85,470
Columbiana	72,507

HOURS OF LABOR PER WEEK.

Eighty-two establishments reported the hours of labor per week of employes in fire clay mines, as follows:

Normal hours of labor per week.	Number of establishments reporting.
Under 48	1
48	51
Over 48 and under 54	2
54	10
Over 54 and under 60	2
60	16
Total	82

GYPSUM

(83)

GYPSUM.

During 1915, gypsum production was reported by 4 establishments in the state, one of these being in Erie county, the other three operating in Ottawa county.

The production for 1915 was 251,283 tons, a decrease of 0.8 per cent. below the production for 1914. Gypsum production in Ohio for the last six years is shown below:

Year.	Tons produced.
1910 -----	213,325
1911 -----	261,946
1912 -----	254,588
1913 -----	268,261
1914 -----	253,306
1915 -----	251,283

The total amount paid out for wages and salaries during the year by the 4 mines, was \$253,988.

The number of employees in the 4 gypsum mines of the state on the fifteenth of each month, or for the payroll nearest the fifteenth during 1915, compared with the number for the same establishments for each month of 1914, is shown below:

Month.	Number of employees on the 15th.	
	1914.	1915.
January -----	245	341
February -----	237	347
March -----	241	342
April -----	270	391
May -----	274	398
June -----	277	408
July -----	290	393
August -----	315	380
September -----	291	392
October -----	302	357
November -----	284	328
December -----	253	345

The following table shows the rates of wages paid the different classes of employes in the gypsum industry, for the week of maximum employment. The 4 mines reporting gypsum production all reported classified wages:

CLASSIFIED WEEKLY WAGES OF EMPLOYES IN GYPSUM MINES FOR
THE WEEK OF GREATEST EMPLOYMENT DURING THE YEAR
ENDING DECEMBER 31, 1915.

Occupation Group.	Number Receiving Each Classified Wage—							Total.
	Under \$9.	\$9 But Under \$10.	\$10 But Under \$12.	\$12 But Under \$15.	\$15 But Under \$18.	\$18 But Under \$25.	\$25 or Over.	
Wage-earners—								
Males—								
Adults (18 years of age or over)	6	15	85	179	78	31	4	398
Young persons (under 18 years of age)		1	2					3
Bookkeepers, Stenographers and Office Clerks—								
Males (18 years of age or over)					5	1	2	8
Females (18 years of age or over)				1		1		2
Total	6	16	87	180	83	33	6	411

Of the 4 gypsum mines from which schedules were received for 1915, 2 were reported as in operation for 250 but under 300 days during the year, while 2 were reported as in operation over 300 days.

Two of the 4 mines reported a 60-hour week, while one reported the regular number of hours per week as more than 60 hours but under 66 hours per week, and one reported 48 hours per week.

IRON MINES

(87)

IRON MINES.

Ohio is unimportant as a producer of iron ore, having shown a rapid decline since the year 1887, when a maximum production of 377,465 tons were mined in the state. No blackband ore has been mined since 1893, the entire product since that year having been hematite.

Two counties, Jackson and Lawrence, reported iron ore for 1915.

The iron ore production of the state for certain years has been as follows:

Year.	Total product in tons.
1885 -----	259,577
1890 -----	169,088
1895 -----	93,051
1900 -----	52,266
1905 -----	14,207
1906 -----	8,515
1907 -----	2,423
1908 -----	2,120
1909 -----	12,392
1910 -----	9,719
1911 -----	7,624
1912 -----	2,485
1913 -----	4,778
1914 -----	3,141
1915 -----	3,668

The production of iron ore in the state is no longer of any commercial significance, and it is not unlikely that data for it will be omitted from future reports.

LIMESTONE

(89)

LIMESTONE.

PRODUCTION.

All large producers of limestone now sell their product by the short ton of 2,000 pounds. Formerly, limestone was sold by various units of measure, the particular use for which the stone was intended determining the unit. Thus in "Statistics of Mines and Quarries for 1913," and in the annual reports of the Inspector of Mines from 1886 to 1912 inclusive, stone for burning into lime and for fluxing was reported by the ton, dimension stone was reported in cubic feet, and stone for ballast and macadam was reported by the cubic yard (a). In "Statistics of Mines and Quarries for 1914," however, production was reported by the ton, and the present report is on the same basis as that for the preceding year. The following table summarizes the limestone production of 94 establishments which reported for 1915, as compared with the production reported by 79 establishments in 1914. The notable increases were in the production of limestone for fluxing purposes, and for macadamizing or ballast, the increases being 1,160,991 tons, and 811,161 tons respectively, for these two classes of product. These increases are accounted for by increase in production by firms reporting in 1914, and by reports from firms reporting for the first time for the year ending December 31, 1915, in almost equal proportions. All production is stated in the short ton of 2,000 pounds:

Purpose for which limestone was used.	Tons produced 1914. (79 establishments)	Tons produced 1915. (94 establishments)
Burned into lime-----	972,902 ^b	779,191 ^c
For fluxing purposes-----	2,283,272	3,344,263
Quarried for cement-----	207,822	316,543
For macadamizing or ballast-----	2,910,786	3,721,947
For piers and protection purposes-----	22,600	112,141
Block or dimension stone-----	123,798	198
Ordinary building stone-----	80,344	84,928
Paving stone-----	17,000	-----
Curbing-----	10,500	-----
For miscellaneous purposes-----	325,621	774,467
Total-----	^b 6,954,645	^c 9,133,678

The total production of lime was reported as 463,769 (^d) tons, while the production during 1914 was 498,316 tons (^e).

^a For the various units of measure used in former reports of limestone production see Report No. 3, Department of Investigation and Statistics, "Statistics of Mines and Quarries in Ohio, 1913," page 94.

^b In addition to this amount, 154,314 tons of lime were produced for which no statement was made as to the amount of stone burnt in order to produce it.

^c In addition to this amount, 63,547 tons of lime were produced for which no statement was made as to the amount of stone burnt in order to produce it.

^d Including the 63,547 tons of lime noted above.

^e Including the 154,314 tons of lime noted above.

NUMBER OF EMPLOYEES.

Ninety-two establishments reported the number of employes actually employed on the fifteenth of each month, or for the payroll nearest the fifteenth. The maximum number of employes was reached in September, when 4,349 were reported, while the minimum was reached in January, when 2,346 were reported. The difference between the maximum and minimum was 2,003, a variation of 46.0 per cent from the maximum. Thus, of the men employed in September, almost half were unemployed in January.

The following table shows by months the number of employes on the fifteenth of each month, or for the payroll nearest the fifteenth, as reported by 92 establishments, and compared with the number reported employed each month during 1914 by 75 establishments:

Month.	Number of employes on the 15th of each month,	
	1914. (75 establishments)	1915. (92 establishments)
January -----	2,317	2,346
February -----	2,126	2,532
March -----	2,264	2,841
April -----	2,601	3,225
May -----	2,684	3,488
June -----	2,882	3,796
July -----	2,931	3,874
August -----	3,010	3,948
September -----	3,032	4,349
October -----	2,779	3,889
November -----	2,319	3,726
December -----	1,671	3,290

DAYS IN OPERATION.

Ninety-three establishments reported the number of days during which their quarries were in operation during the year. The following table shows the number of establishments operating each classified number of days; compared to the reports from 78 establishments which reported on this inquiry for the year ending December 31, 1914:

Number of days in operation.	Number of establishments reporting,	
	1914.	1915.
Less than 100 -----	15	21
100 but under 150 -----	14	12
150 but under 200 -----	13	16
200 but under 250 -----	12	14
250 but under 300 -----	12	13
300 but under 314 -----	10	14
314 and over -----	2	3
Total -----	78	93

CLASSIFIED RATES OF WAGES.

Ninety-three establishments reported the classified weekly wages of their employes for the week of greatest employment during the year ending December 31, 1915. The following table presents the classified rates of wages for 4,874 employes:

CLASSIFIED WEEKLY WAGES OF EMPLOYEES IN LIMESTONE QUARRIES FOR THE WEEK OF GREATEST EMPLOYMENT
DURING THE YEAR ENDING DECEMBER 31, 1915.

[Ninety-three operators reported classified weekly wages of employees.]

Occupation Group.	Number Receiving Each Classified Weekly Wage—														Total.
	Under \$4.	\$4 But Under \$5.	\$5 But Under \$6.	\$6 But Under \$7.	\$7 But Under \$8.	\$8 But Under \$9.	\$9 But Under \$10.	\$10 But Under \$12.	\$12 But Under \$15.	\$15 But Under \$18.	\$18 But Under \$25.	\$25 But Under \$35.	\$35 or Over.		
Wage-earners—															
Males, 18 years of age or over.....	2	3	6	16	28	46	240	1,519	1,770	722	340	74	10	4,776	
Males, under 18 years of age.....				2	5	1	1							9	
Bookkeepers, Stenographers, and Office															
Clerks—															
Males, 18 years of age or over.....					1		1	7	8	15	10	12	4	58	
Males, under 18 years of age.....				1				6	6					1	
Females, 18 years of age or over.....	3	1	1				3			6	3	1		30	
Total	5	4	7	19	34	47	245	1,532	1,784	743	353	87	14	4,874	

TOTAL WAGE AND SALARY PAYMENTS.

Ninety-four establishments reported a total of \$2,136,216 paid out for wages and salaries during 1915, as compared with a total payroll of \$1,568,563 during 1914.

HOURS OF LABOR PER WEEK.

Ninety-three establishments reported the hours of labor per week as follows:

Normal hours of labor per week.	Number of establishments reporting.
48	4
Over 48 but under 54.....	1
54	7
Over 54 but under 56.....	4
56	1
Over 56 but under 60.....	5
60	68
66	1
Over 66 but under 72.....	1
Over 72	1
Total	<hr/> 93

SANDSTONE

(95)

SANDSTONE.

PRODUCTION.

Fifty-two firms reported sandstone production for the year ending December 31, 1915. Every effort was made to standardize the units of measure under which sandstone production was classified on the schedules, the largest producers of the state having been consulted as to the best methods of securing the desired data. In certain cases, however, sandstone used for the same purpose was reported according to two different units of measure, and it was impossible to reduce them to a common basis, and to combine them. The following table summarizes the sandstone production of the state for the year ending December 31, 1915:

<i>Purpose for which used.</i>	<i>Unit of Measure.</i>	<i>Quantity Produced 1914 (39 Establish- ments).</i>	<i>Quantity Produced 1915 (52 Establish- ments).</i>
Rough building stone.....	Cubic feet	459,269	200,426
Sawed building stone.....	Cubic feet.....	919,492	717,372
	Linear feet	9,472	11,199
Curbing	Cubic feet.....	1,631,229	1,493,218
	Linear feet.....	3,755	49,127
Flagging	Cubic feet.....	1,210,182	1,010,871
	Square feet.....	230,566	167,309
Burial vaults.....	Cubic feet.....	48,876	80,264
Whetstones, oilstones, etc.	Gross	860	1,323
Grindstones	Tons (2,000 lb.).....	44,164	39,386
Silica sand.....	Tons (2,000 lb.).....	82,966	308,646
Sandstone for miscellaneous pur- poses. (Includes stone for break-waters and lake filling, furnace lining, etc.).....	Tons (2,000 lb.).....	183,418	123,221
	Cubic feet.....	.....	71,462

NUMBER OF EMPLOYEES.

Fifty of the 52 firms reporting production, reported the number of employes on the fifteenth of each month, or for the payroll nearest the fifteenth. The maximum number was reported for July, when 2,291 employes were reported. The minimum number, 1,666, was reached in

February. The difference between the maximum and minimum was 625, a variation of 27.3 per cent. from the maximum. The following table shows the number of employes reported by months:

Month.	Number of employes on the 15th of each month,	
	1914. (32 establishments)	1915. (50 establishments)
January	2,073	1,822
February	1,943	1,666
March	2,088	1,869
April	2,365	2,238
May	2,459	2,277
June	2,518	2,266
July	2,484	2,291
August	2,440	2,207
September	2,375	2,079
October	2,149	2,010
November	1,871	1,901
December	2,021	2,017

DAYS IN OPERATION.

The following table shows the days in operation during the year, as reported by 44 establishments, in comparison with the days in operation during 1914, as reported by 34 establishments:

Number of days in operation.	Number of establishments reporting,	
	1914.	1915.
Less than 100.....	1	6
100 but under 150.....	2	5
150 but under 200.....	4	7
200 but under 250.....	20	10
250 but under 300.....	3	7
300 but under 314.....	4	9
Total	34	44

CLASSIFIED RATES OF WAGES.

Forty-nine establishments engaged in sandstone productions reported the classified weekly wages of their employes for the week of greatest employment during the year ending December 31, 1915. The following table presents the classified rates of wages for 2,500 employes:

CLASSIFIED WEEKLY WAGES OF EMPLOYEES IN SANDSTONE QUARRIES FOR THE WEEK OF GREATEST EMPLOYMENT DURING THE YEAR ENDING DECEMBER 31, 1914.

[Forty-nine establishments reported classified weekly wages of employees.]

Occupation Group.	Number Receiving Each Classified Wage—												Total.
	Under \$6.	\$6 But Under \$7.	\$7 But Under \$8.	\$8 But Under \$9.	\$9 But Under \$10.	\$10 But Under \$11.	\$11 But Under \$12.	\$12 But Under \$15.	\$15 But Under \$18.	\$18 But Under \$25.	\$25 But Under \$35.	\$35 or Over.	
Wage-earners—													
Males, 18 years of age or over.....	20	31	39	86	288	786	794		240	146	20	10	2,420
Males, under 18 years of age.....	3	2	2										7
Bookkeepers, Stenographers, and Office Clerks—													
Males, 18 years of age or over.....				2		8	9		11	18	6		54
Females, 18 years of age or over.....					2	5	8		6	2	1		19
Total	23	33	41	88	300	749	806		257	166	27	10	2,500

TOTAL WAGE AND SALARY PAYMENTS.

Fifty of the 52 firms which reported sandstone production reported their total wage and salary payments, the amount for the year ending December 31, 1915, being \$1,222,086, as compared with a total of \$1,324,466, paid out for wages and salaries by 35 firms during the year ending December 31, 1914.

HOURS OF LABOR PER WEEK.

Forty-nine establishments reported the normal hours of labor per week for their employes, as follows:

Normal hours of labor per week.	Number of establishments reporting.
44 -----	1
54 -----	15
Over 56 but under 58 -----	1
58 -----	1
Over 58 but under 60 -----	4
60 -----	26
Over 66 but under 72 -----	1
 Total -----	 49

The Industrial Commission of Ohio

DEPARTMENT OF
INVESTIGATION AND STATISTICS

REPORT No. 26

Inspection of Workshops, Factories and Public Buildings in Ohio

1915



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Halls.....	19	
Schools.....	19	
Theaters.....	19	
Amusement parks.....	20	
Service.....	20	
Garages.....	20	
Hotels.....	20	
Laundries.....	20	
Restaurants.....	20	
Tenements.....	20	
Trade.....	21	
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INTRODUCTION.

Under the organization of the Industrial Commission the statistical work of the various departments of the Commission is carried on by the Department of Investigation and Statistics under the direction of the Chief Statistician.

This report covers the work of the Department of Inspection of Workshops and Factories and Public Buildings for the year ending December 31, 1915. The Chief Deputy of the Department of Inspection of Workshops and Factories and Public Buildings was Mr. Thomas P. Kearns, from January 1 to September 30, 1915; Mr. George W. Bope, from October 1, 1915, to January 19, 1916, and Mr. George H. Hamilton, from January 20, 1916, to the present time.

In compiling this report, it was necessary for an employe of the Department of Investigation and Statistics to have continued access to the files of the Department of Inspection of Workshops and Factories and Public Buildings in order that the inspections and orders could be fully analyzed. Every possible courtesy has been extended by these chief deputies and by others in their department.

Miss Carrie E. Reid, statistical clerk in the Department of Investigation and Statistics, analyzed the inspections and orders, compiled the data, and prepared this report.

FRED C. CROXTON,
Chief Statistician.

Columbus, Ohio, June 27, 1916.

GENERAL SUMMARY

ORGANIZATION OF INSPECTION FORCE

The duty of inspection of workshops, factories and public buildings in Ohio is delegated to the Chief Factory Inspector, First and Second Assistant Inspectors, three Bakeshop Inspectors, one High Explosive Inspector, twenty-five Deputy Inspectors and eight Lady Visitors.

The First and Second Assistant Inspectors also have charge of the examination of plans and specifications of public buildings. For a statement of the volume of this part of their work, see pages 26-27; the bakeshop inspections and orders issued are shown on pages 41-44, and the work of the High Explosive Inspector on page 121.

Each of the twenty-five deputy inspectors and eight lady visitors has general duties within a specified district, the boundaries of which are arranged by the Industrial Commission. At the discretion of the Chief Factory Inspector, they may be assigned to temporary service outside their districts. Since their duties are similar both as regards sections of law enforced and kind of establishments visited, records of their inspections are not separately filed and are, therefore, shown together in all tables of this report.

The counties embraced in the various districts into which the state is divided and the names and addresses of the inspectors at present assigned to each appear on pages 162-163.

DUTIES OF INSPECTORS

The Department of Workshops, Factories and Public Buildings is responsible for the enforcement of all those sections of the General Code of Ohio relating to compulsory school attendance, child and female labor, safety, sanitation and protection from fire in all establishments where people are employed or where they assemble for amusement, educational or other public purpose. They are further empowered to enforce the law requiring labels on mattresses and on convict-made goods. The manufacture, handling or storing of high explosives is subject to their inspection. Since July 1, 1915, it is also within their jurisdiction to enforce the law governing hours of labor and time of payment of men engaged on public works in the state.

NUMBER OF INSPECTIONS MADE AND ORDERS ISSUED

During the year ending December 31, 1915, 16,999 separate establishments were visited, 19,458 inspections were made, and 8,108 orders were issued. The inspectors also made 400 revisit reports pertaining to orders issued from September 1, 1913, to December 31, 1914, the period covered by the last regular report.^(a) The number of inspections exceeds that of establishments for the reason that more than one inspection is sometimes given a single plant within a year. An inspection, as the term is used throughout this report, refers to an entire establishment, without regard to the number of buildings occupied.

The 8,108 orders issued embraced 21,953 distinct requirements. The total number of violations discovered is nowhere reported, but is known to be greatly in excess of the requirements issued. To illustrate: A firm employing one and another employing fifty girls between 16 and 18 years of age without school certificates, would each be required to secure them for their employees. The result would be only two tabulated requirements though fifty-one actual violations had occurred.

At the close of tabulation on April 30, 1916, the department files showed that of the 21,953 requirements issued,

9,732 were reported complied with.
108 were reported partially complied with.
237 were rescinded.
1,595 were reported not complied with.
10,281 were not reported on.

No report of compliance, partial compliance or non-compliance is recognized by this department except those forwarded by a deputy inspector after revisit to the establishment affected by the order. Revisit reports concerning the 10,281 requirements on which no report was received to April 30, 1916, inclusive, will be included in the report for the year ending December 31, 1916.

Of the 237 requirements rescinded, 137 were withdrawn by the Chief Factory Inspector, and 100 were rendered void by bankruptcies, removals, loss of buildings by fire or other miscellaneous causes.

^(a) Report No. 17, Department of Investigation and Statistics entitled, "Inspection of Workshops, Factories and Public Buildings in Ohio, September 1, 1913, to December 31, 1914."

By nature of establishment, the inspections made were distributed as follows:

Type of Inspection.	Number of establishments inspected.	Number of inspections made.
Manufactures	8,591	10,208
Places of public assembly.....	3,819	3,974
Trade	2,526	2,938
Service	1,183	1,376
Transportation and public utilities.....	540	611
Tenements	134	141
Hospitals, infirmaries and homes.....	105	108
Construction	62	63
High explosives.....	39	39
Total	16,999	19,458

The sub-classes of leading importance under manufactures were food and kindred products and iron and steel and their products. Approximately one-half of all inspections made in factories were in plants of these two kinds. School-building inspections are one-half of the total under the title, places of public assembly. Wholesale and retail stores received chief attention in the trade or mercantile group.

INSPECTIONS MADE AND ORDERS ISSUED DURING THE YEAR ENDING DECEMBER 31, 1915, REQUIREMENTS OF ORDERS AND REPORTS AS TO COMPLIANCE, PARTIAL COMPLIANCE, NON-COMPLIANCE AND REQUIREMENTS RESCINDED RECEIVED TO APRIL 30, 1916, BY TYPE OF INSPECTION.

Type of Inspection.	Number of Establishments Inspected.	Number of Inspections Made.	Number of Orders Issued.	Number of Requirements Reported as			Number of Requirements Issued.	Number of Requirements out of Which no Report was received.
				Complied With.	Partially Complied With.	Rescinded.		
ALL ESTABLISHMENTS	15,559	19,453	8,105	9,732	108	237	1,096	10,261
CONSTRUCTION	62	63	11	15				7
MANUFACTURES	8,551	10,308	4,077	5,390	63	69	471	3,432
Chemicals and allied products.	211	243	86	139	3			57
Food and kindred products.	2,730	3,190	1,103	2,311	8	13	110	847
Iron and steel and their products.	1,272	1,484	735	2,077	10		108	2,044
Leather and its finished products.	132	189	80	185		3	9	73
Liquors and beverages.	114	124	33	131		3	4	34
Lumber and its remanufactures.	790	876	398	905		24	33	390
Metals and metal products, other than iron and steel.	285	323	127	317				113
Paper and printing.	665	810	327	687	7	1	30	123
Railroad repair shops.	86	89	40	57		3	39	43
Stone, clay and glass products.	476	536	237	612			13	343
Textiles.	649	842	318	715	30		89	109
Tobacco manufactures.	233	335	114	202		1	10	73
Vehicles for land transportation.	271	305	150	440			10	191
Manufactures, not otherwise classified.	617	767	334	804	3	1	52	347
HIGH EXPLOSIVES	39	39	15	19			3	16
HOSPITALS, INFIRMARIES AND HOMES	105	108	65	237				187
PLACES OF PUBLIC ASSEMBLY.	3,819	3,974	2,134	8,233	25	150	245	6,079
Amusement parks.	66	66	30	108			10	74
Churches.	594	695	171	493	4	1	10	184
Halls.	635	712	247	877			103	344
Schools.	1,832	1,971	1,237	5,897	15	37	379	3,311
Theaters.	557	653	337	1,045	5	20	70	473
Places of public assembly, not otherwise classified.	65	66	34	85				48
SERVICE	1,183	1,576	657	1,503	1	23	10	697
Garages.	192	203	63	97			7	95
Hotels.	476	572	101	259			37	319
Laundries.	271	294	224	273	5	9	29	240
Restaurants.	171	203	200	224	1	13	33	138
TENEMENTS	2,524	2,633	84	1,118	3		109	1,411
TRADE	2,517	2,523	795	1,793	7	23	91	1,405
Stores, wholesale and retail.	10	10	41	41			11	10
Yards, coal, lumber and junk.	39	39	13	25				10
Trade, not otherwise classified.								
TRANSPORTATION AND PUBLIC UTILITIES	540	611	174	340	1	1	28	170
Electric light and power and waterworks.	196	198	90	316			8	39
Telegraph and telephone.	323	335	106	210	1	1	17	131
Transportation and public utilities, not otherwise classified.	26	23	6	14			3	

NATURE OF REQUIREMENTS ISSUED.

The number of requirements of each general class issued during the year 1915, except those resulting from high explosive inspections, and the per cent which each class is of the total requirements issued, is shown below:

Class of Requirement.	Number issued.	Per cent of total.
Dangerous machinery and processes.....	5,516	25.1
Cleanliness and sanitary conveniences.....	5,089	23.1
Protection from fire.....	4,305	19.6
General safety.....	2,822	12.9
Children, minors and women.....	2,138	9.7
Ventilation and overcrowding.....	669	3.1
Heating	529	2.4
Lighting	158	0.8
Furnishings	156	0.8
Men on public works.....	9	(a)
All other requirements.....	643	2.9

The table on pages 22-23 shows the distribution of requirements of each class by type of establishment inspected. Percentages derived from these figures are shown on pages 24-25. The specific nature of orders issued under the general classifications given above, will be found in Table I, pages 29 to 36.

DAINGEROUS MACHINERY AND PROCESSES.

Those requirements with regard to dangerous machinery and processes which were issued against 100 or more establishments during the year under consideration were:

Requirement.	Number of times issued.
Guard belt and pulley.....	975
Guard cog, gear or friction wheel.....	742
Guard set-screw, bolt, nut or key.....	583
Guard fly- or drive-wheel.....	392
Guard shafting, exclusive of set-screws.....	360
Guard emery wheel or other grinding or polishing machinery.....	315
Guard saw	292
Provide blower system or exhaust fan for removal of dust or gases..	196
Guard planer, shaper, slotter or facer.....	185
Provide rubber mat or wood platform at switchboard.....	137
Guard engine, exclusive of fly-wheel.....	118
Provide automatic gates or floor doors for elevator, hoist or conveyer..	110

The first five of these types of requirements relate to transmission apparatus and aggregate more than one-half of all requirements relating

(a) Less than one-tenth of one per cent.

to dangerous machinery and processes, although the entire classification embraces fifty-two specific provisions.

Transmission apparatus of the types affected by these orders is found wherever machinery is used and the large number of violations of these types points directly to the conclusion that there is still prevalent much neglect in the safe-guarding of simple transmission apparatus. The guards necessary for compliance with these requirements are simple and inexpensive, mere boxing sufficing in most cases. It is equally true that they are neither a hindrance to speed nor an inconvenience to workmen, arguments sometimes urged against the attachment of guards to more complex machinery.

The necessity for continued efforts to secure adequate safeguards for transmission apparatus is strikingly shown by the statistics of industrial accidents in Ohio for the twelve months ending June 30, 1915.^(a) During that period, certain classes of transmission apparatus were responsible for accidents as shown below:

Belts and pulleys:

3 fatal accidents.

19 accidents resulting in permanent partial disability.

445 accidents resulting in temporary disability.

\$35,390 was the total amount, including compensation and medical and hospital expenses ^(b), awarded in these 467 cases.

Cog, gear and friction wheels:

3 fatal accidents.

76 accidents resulting in permanent partial disability.

306 accidents resulting in temporary disability.

\$49,046 was the total amount, including compensation and medical and hospital expenses ^(b), awarded in these 385 cases.

Shafting and set-screws:

6 fatal accidents.

6 accidents resulting in permanent partial disability.

96 accidents resulting in temporary disability.

\$20,113 was the total amount, including compensation and medical and hospital expenses ^(b), awarded in these 108 cases.

Orders concerning the guarding of three types of machine tools appear in the above list of orders issued 100 or more times. Their total is 792, or 14.4 per cent, of all orders concerning dangerous machinery and processes.

315 establishments were ordered to guard emery wheels or other grinding and polishing machinery.

292 establishments were required to guard power saws.

185 establishments were ordered to guard planers, shapers, slotters or facers.

^(a) From Report No. 21, Department of Investigation and Statistics, entitled, "Industrial Accidents in Ohio, January 1, 1914, to June 30, 1915," page 213.

^(b) Not including medical and hospital expenses in accidents reported by firms carrying self-insurance under the State Plan.

The number of accidents ascribed to these three types of tools for which awards were made by the Industrial Commission during the twelve months ending June 30, 1915, is also of interest:

Emery wheels and other grinding and polishing machinery:

- 9 fatal accidents.
- 36 accidents resulting in permanent partial disability.
- 4,337 accidents resulting in temporary disability.
- \$53,905 was the total amount, including compensation and medical and hospital expenses (a) awarded in these 4,380 cases.

Power saws:

- 2 fatal accidents.
- 110 accidents resulting in permanent partial disability.
- 976 accidents resulting in temporary disability.
- \$64,809 was the total amount, including compensation and medical and hospital expenses (a), awarded in these 1,088 cases.

Planers, shapers, slotters and facers:

- 79 accidents resulting in permanent partial disability.
- 454 accidents resulting in temporary disability.
- \$33,365 was the total amount, including compensation and medical and hospital expenses (a), awarded in these 533 cases.

Ninety per cent of all orders issued concerning safety from dangerous machinery or processes, or 4,967 of 5,516 such requirements, were placed upon manufacturing establishments, chiefly upon firms engaged in the manufacture of food, iron and steel or lumber products. Small numbers appear also under laundries, electric light and power and waterworks, garages and schools.

CLEANLINESS AND SANITARY CONVENIENCES.

The efforts of factory inspectors to enforce the laws of the state pertaining to sanitary surroundings wherever persons are employed or where they assemble in public places constitute practically one-half of all their inspections.

In this group conditions concerning water-closets gave rise to about one-half of the 5,089 orders issued. There were reported

- 185 establishments without water-closets.
- 209 establishments lacking sufficient water-closet facilities.
- 205 establishments permitting use of closet by both sexes.
- 71 establishments continuing use of outside closet where sewer connections for inside installation were available.
- 39 establishments requiring females employed above basement floor to use closet located in basement.

a Not including medical and hospital expenses in accidents reported by firms carrying self-insurance under the State Plan.

An order to clean or disinfect water-closet was necessary in 717 cases and to repair or entirely rebuild in 602 cases.

Sanitary drinking fountains or individual drinking cups were ordered in 351 establishments; dressing-rooms for females in 130; cleaning of workroom in 331; and general repair of workroom in 682.

The complete distribution of orders of this group is as follows:

Nature of Requirement.	Number of times issued.
Water-closets	2,548
Workrooms	1,333
Drinking water	512
Dressing-rooms	289
Lunch-rooms	233
Outside surroundings	216
Halls and stairs	48
Wash-rooms	32

Orders concerning cleanliness and sanitation were distributed among the types of industry classified in this report as follows:

Manufactures	2,194
Places of public assembly	1,843
Trade	586
Service	358
Transportation and public utilities	60
Hospitals, infirmaries and homes	28
Tenements	18
Construction	2
Total	5,089

The sub-groups most important under each of the first four types and the number of requirements in each were:

Manufactures:	
Food and kindred products	1,080
Places of public assembly:	
Schools	1,765
Trade:	
Wholesale and retail stores	561
Service:	
Laundries	195

PROTECTION FROM FIRE.

All provisions of the State Building Code concerning protection from fire are subject to enforcement by this department. Fifty-one separate requirements of this nature and the number of times each was issued are set forth in Table I, pages 35-36.

The following were the principal violations in a total of 4,305 requirements issued against establishments reported as inadequately protected from the hazard of fire:

Requirement.	Number of times issued.
Provide fire-extinguisher	693
Swing exit door outward.....	450
Provide panic-proof hardware.....	437
Place sign or light over exit.....	264
Provide fire-escape	251
Cover heating pipes, furnace or fuel room.....	178
Remove rubbish or combustibles.....	164

The majority of these violations, 3,318 of 4,305 requirements, were reported from public buildings, and of these 1,486 were discovered in school buildings. Theaters were second and halls third in number of such requirements issued.

Of the remaining 987 orders for protection from fire:

- 150 were issued against wholesale and retail stores.
- 134 were issued against hotels.
- 91 were issued against food and kindred product establishments.
- 71 were issued against tenements.
- 62 were issued against textiles.

GENERAL SAFETY.

This classification covers only orders relating to safety of buildings, material stacks, and yards or tracks. It includes no orders with regard to dangerous machinery or processes. The most important requirements of this class were:

Requirement.	Number of times issued.
Provide handrail for stairway.....	736
Repair floor	430
Make minor repair on building.....	408
Provide guard-rail for dangerous opening.....	231
Make general structural repair on building.....	184
Provide platform and step at ground exit.....	167
Repair roof	164

Ninety-four buildings were ordered permanently abandoned. The same order was placed upon certain unsafe portions of 23 others.

There were 2,822 requirements of this class. The necessity for 1,528 of these arose from lack of repairs on various kinds of places of public assembly, 1,218 of them being directed against school buildings. Of the 944 such requirements issued against manufacturing establishments, the majority concerned buildings occupied by firms engaged in the food products and iron and steel industries.

CHILDREN, MINORS AND WOMEN.

The limitations upon the employment of these classes of persons are designed to debar from employment those below lawful age, to protect those legally employable but still of school age, to set reasonable restrictions on hours of labor and in other particulars to safeguard the health and morals of children, minors and women.

No boy under 15 or girl under 16 may be legally employed in Ohio. Eighty-five establishments were hiring children below these ages.

No boy between 15 and 16 or girl between 16 and 18 may be employed without school certificate. Two hundred and fifty-three establishments had no such file for employes of these classes.

Child or female labor notices are required to be posted in every room where such persons are employed. Four hundred and fifty-six establishments reported violations of this character.

The sections of the law restricting hours of labor are applicable to certain sex and age groups. Below are summarized these legal restrictions and the orders issued for their enforcement:

Class of employe.	Legal hours of employment.	Number of requirements issued.
Boys 15 but under 16 } Girls 16 but under 18 }	8 hours per day, 48 hours per week, not before 7 a. m. or after 6 p. m., nor more than 6 days per week----	380
Boys 16 but under 18 } Girls 18 but under 21 }	10 hours per day, 54 hours per week, not before 6 a. m. or after 10 p. m., nor more than six days per week----	234
Females over 18	10 hours per day, 54 hours per week	581

The 2,038 orders affecting children, minors and women show a wide distribution through all types of inspection made by this department. Of the 712 accredited to manufacturing establishments, 220 were upon textile plants and 135 on the food products industry. Of the 122 orders issued against places of public assembly 81, or almost the entire number, were in the sub-group, amusement parks.

Restaurants furnished 338 of the 436 violations reported in the group classified as service. Stores, wholesale and retail, received all of the 672 orders issued against all establishments of every kind classified as trade.

VENTILATION AND OVER-CROWDING.

The most important requirements of this class were:

Ventilation system for the establishment.....	375
Ventilation for dressing-room or water-closet.....	138

Schools received 402 of the 669 requirements relating to this subject. Sixty-seven resulted from inspection of food product factories and 50 from inspections in stores.

HEATING.

There were 529 provisions concerning means of heating issued during the year. To provide an entire new system was required 368 times; to alter or repair system in use, 78 times; to alter or repair means of heating where no system was used, 70 times; and to provide additional means of heating, 13 times.

The majority, 89.5 per cent, were issued against schools. Of the remainder, theaters received the greater number.

FURNISHINGS.

The separate requirements of this class and their respective numbers were:

Requirement.	Number of times issued.
Re-arrange seats -----	88
Remove seats -----	29
Provide standard seats-----	28
Repair seats -----	11

The total for this group was 156 requirements, 123 of which concerned furnishings in schools, 31 theater furnishings and 2 related to halls.

LIGHTING.

Sufficient light for workrooms was required in 99 cases, and for water-closets in 35 cases.

Seventy-three of the 158 orders in reference to lighting were issued against schools, 17 against stores and most of the remainder of the group total of 158 requirements were placed upon factories engaged in the preparation of food products.

MEN ON PUBLIC WORKS.

Only 9 such requirements were issued. Three of them occurred under manufactures, five under transportation and public utilities, and one under places of public assembly.

REQUIREMENTS OF ORDERS BY TYPE OF INSPECTION.

The nature of the orders issued by this department varies widely with the type of establishment inspected.

The 21,934 requirements (a) issued during the year were distributed by type of inspection as follows:

Type of Inspection.	Number of requirements issued.	Per cent of total requirements issued.
Manufactures -----	9,618	43.8
Places of public assembly-----	8,303	37.4
Trade -----	1,903	8.7
Service -----	1,503	6.8
Transportation and public utilities-----	340	1.6
Hospitals, infirmaries and homes-----	227	1.0
Tenements -----	118	0.5
Construction -----	22	(b)
Total -----	21,934	

The tables on pages 22 to 25 show by number and percentages the distribution of requirements of orders of each general class and by sub-groups of each general class. Full details of the requirements of orders by general class and by sub-class appear in Table I, pages 29 to 156.

MANUFACTURES.

Nine thousand, six hundred and eighteen requirements were issued against manufacturing establishments during the year. By nature of their provisions, they were distributed as follows:

Nature of Requirement.	Number of times issued.	Per cent of total.
Dangerous machinery and processes-----	4,967	51.6
Cleanliness and sanitary conveniences-----	2,194	22.8
General safety -----	944	9.8
Children, minors and women-----	712	7.4
Protection from fire-----	437	4.5
Ventilation and overcrowding-----	143	1.5
Lighting -----	54	0.6
Men on public works-----	3	(b)
Miscellaneous -----	152	1.6

The number of requirements issued against each group of the classification, manufactures, together with the per cent which this number constituted of the 9,618 total requirements issued against manufactures, is listed below:

Sub-group.	Number of requirements issued.	Per cent of total requirements against manufactures.
Food and kindred products-----	2,311	24.0
Iron and steel and their products-----	2,077	21.6

a Nineteen requirements concerning high explosives are not included.

b Less than one-tenth of one per cent.

Lumber and its remanufactures.....	905	9.4
Textiles	715	7.4
Paper and printing.....	667	6.9
Stone, clay and glass products.....	612	6.4
Vehicles for land transportation.....	449	4.7
Metals and metal products, other than iron and steel	317	3.3
Chemicals and allied products.....	209	2.2
Tobacco manufactures	202	2.1
Leather and its finished products.....	185	2.0
Railroad repair shops.....	100	1.0
Liquors and beverages.....	65	0.7
Manufactures, not otherwise classified.....	804	8.4

The six leading sub-groups are separately discussed in the following paragraphs.

FOOD AND KINDRED PRODUCTS.

Establishments of this kind were responsible for 2,311 of the 9,618 requirements issued against manufactures. The four leading classes of requirements issued against them with the percentage which each was of the food products total follows:

Nature of Requirement.	Number of times issued.	Per cent of total.
Cleanliness and sanitary conveniences.....	1,080	46.7
Dangerous machinery and processes.....	542	23.5
General safety	333	14.4
Children, minors and women.....	135	5.8

IRON AND STEEL AND THEIR PRODUCTS.

This sub-group, with its 2,077 requirements, is second in importance. Fifteen hundred and forty-five of these, or about 75 per cent, related to dangerous machinery and processes. The remainder were principally of the classes, cleanliness and sanitary conveniences and general safety.

LUMBER AND ITS REMANUFACTURES.

About two-thirds of the requirements issued against such establishments, 682 of a total of 905, concerned guards for dangerous machinery and processes. There were also 75 provisions for general safety and 71 for cleanliness and sanitary conveniences.

TEXTILES.

Large percentages of requirements concerning children, minors and women and cleanliness and sanitary conveniences characterize inspections of this type. Their proportions of the 715 total requirements are 30.8 per cent and 35.8 per cent, respectively.

PAPER AND PRINTING.

Six hundred and sixty-seven separate requirements against this branch of manufactures were chiefly of these classes:

Nature of Requirement.	Number of times issued.	Per cent of total.
Dangerous machinery and processes-----	305	45.7
Cleanliness and sanitary conveniences-----	158	23.7
Children, minors and women-----	94	14.1

STONE, CLAY AND GLASS PRODUCTS.

Orders concerning dangerous machinery and processes were 398, or 65 per cent, of the 612 orders issued against firms engaged in the industries included under this title. Second in numerical importance was general safety with 89 requirements, and third was cleanliness and sanitary conveniences with 74 requirements.

HOSPITALS, INFIRMARIES AND HOMES.

The two hundred and twenty-seven requirements placed upon institutions of these kinds show the following comparative importance:

Nature of Requirement.	Number of times issued.	Per cent of total.
Protection from fire-----	104	45.8
General safety -----	38	16.7
Dangerous machinery and processes-----	35	15.4
Cleanliness and sanitary conveniences-----	28	12.3
Ventilation and over-crowding-----	8	3.5
Heating -----	6	2.6
Children, minors and women-----	1	0.4
Miscellaneous -----	7	3.1

PLACES OF PUBLIC ASSEMBLY.

This title applies to public places of the six classified kinds listed below. The distribution of the 8,203 requirements against them is also shown:

Sub-group.	Number of requirements issued.	Per cent of total requirements against places of public assembly.
Schools -----	5,687	69.3
Theaters -----	1,045	12.6
Halls -----	877	10.7
Churches -----	406	4.9
Amusement parks -----	103	1.3
Places of public assembly, not otherwise classified -----	85	1.0

Protection from fire, cleanliness and sanitary conveniences, and general safety of buildings occasioned almost three-fourths of all orders that inspectors found it necessary to issue against places of public assembly during the year ending December 31, 1915.

Their percentages of the 8,203 requirements issued, together with those for the kinds of requirements issued less frequently, are listed below:

Nature of Requirement.	Number of times issued.	Per cent of total.
Protection from fire.....	3,318	40.4
Cleanliness and sanitary conveniences.....	1,843	22.5
General safety	1,528	18.6
Heating	497	6.1
Ventilation and over-crowding.....	433	5.3
Furnishings	156	1.9
Children, minors and women.....	122	1.5
Dangerous machinery and processes.....	88	1.1
Lighting	76	0.9
Men on public works.....	1	(*)
Miscellaneous	141	1.7

SCHOOLS.

The majority of all orders concerning lighting, furnishings, ventilation and over-crowding, and heating appear against school buildings. The three largest classes, however, which comprised their total of 5,687 requirements were:

Nature of Requirement.	Number of times issued.
Cleanliness and sanitary conveniences.....	1,765
Protection from fire.....	1,486
General safety	1,218

THEATERS.

One thousand and forty-five requirements were issued against theaters and of these 790, or 75.6 per cent, related to protection from fire, 95, or 9.1 per cent, related to general safety of buildings. Orders of all other kinds formed only small percentages of the total for theaters.

HALLS.

As in almost all other classes of public buildings, protection from fire is the item of major importance in inspection of halls. Of a total of 877 requirements of all kinds, 689, or 78.6 per cent, were of this nature. Orders concerning general safety of buildings ranked second in importance, being 130 or 14.8 per cent, of the total.

CHURCHES.

The principal violation reported for churches was inadequate protection from fire. To decrease this hazard was the object of 310 of the 406 requirements issued against buildings of this class. General building repairs were ordered in 72 cases and changes in methods of heating in 12 cases.

(*) Less than one-tenth of one per cent.

AMUSEMENT PARKS.

Amusement parks are prominent in this group for their orders affecting children, minors and women. Eighty-one of 103 requirements relate to these classes of employees.

SERVICE.

This classification embraces the sub-groups:

Garages.
Hotels.
Laundries.
Restaurants.

The wide variance in these lines of business causes great variety in the nature of requirements issued against the different sub-groups. Their characteristic violations are pointed out in the following paragraphs:

GARAGES.

Dangerous machinery and processes is the leading feature of inspection of garages. Of 97 total requirements issued, 64, or 66.0 per cent, were of this kind.

HOTELS.

The three leading classes of requirements issued against hotels, the number of each and the percentage which it was of the total requirements issued are shown below:

Nature of Requirement.	Number of times issued.	Per cent of total.
Protection from fire.....	134	52.3
General safety	44	17.2
Cleanliness and sanitary conveniences.....	34	13.3

LAUNDRIES.

The chief offenses reported from laundries were in uncleanness and failure to guard machinery. Orders concerning the first were 195, or 35.1 per. cent, and those concerning the second were 170, or 30.6 per cent, of the 555 requirements issued.

RESTAURANTS.

Orders directed against the illegal employment of children, minors and women lead in numerical importance in this sub-group. Three hundred and thirty-eight such requirements were issued and they formed 56.8 per cent of the total for all classes of requirements. Second in importance, were orders affecting cleanliness. One hundred and sixteen of these were issued and they were 19.5 per cent of the total for all classes of requirements.

TENEMENTS.

Only 118 requirements concerning tenements were issued and of these 71 were provisions for protection from fire. Twenty-five concerned safety of buildings, and 18 were in regard to cleanliness and sanitary conveniences.

TRADE.

The sub-group, wholesale and retail stores, is of such major importance in this classification that it embraces 1,793 of the 1,903 requirements issued. The remaining 110 requirements were divided as follows: 85 were issued against coal, lumber and junk yards, and the remaining 25 against trade establishments, not otherwise classified.

WHOLESALE AND RETAIL STORES.

The complete distribution of the 1,793 requirements issued against stores follows:

Nature of Requirement:	Number of times issued.	Per cent of total.
Children, minors and women-----	672	37.5
Cleanliness and sanitary conveniences-----	561	31.3
Protection from fire-----	150	8.4
General safety -----	101	5.6
Ventilation and over-crowding-----	50	2.8
Dangerous machinery and processes-----	48	2.7
Lighting -----	17	0.9
Heating -----	11	0.6
Miscellaneous -----	183	10.2

YARDS, COAL, LUMBER AND JUNK.

Twenty-nine of the 85 requirements issued against coal, lumber and junk yards concerned dangerous machinery and processes.

TRANSPORTATION AND PUBLIC UTILITIES.

The statement which follows shows the number and per cent of each principal class of requirement resulting from inspections classified as transportation and public utilities. The total of requirements of all kinds upon which these percentages were computed was 340.

Nature of Requirement.	Number of times issued.	Per cent of total.
Children, minors and women-----	89	26.2
Dangerous machinery and processes-----	84	24.7
Cleanliness and sanitary conveniences-----	60	17.6
General safety -----	37	10.9

ELECTRIC LIGHT AND POWER AND WATERWORKS.

Failure to provide guards for dangerous machinery rendered it necessary to issue 79 of the 116 requirements placed upon these establishments.

TELEGRAPH AND TELEPHONES.

Chiefly important among the 210 requirements of all kinds issued against offices and exchanges embraced in this classification were 84 relating to children, minors and women, and 56 pertaining to cleanliness and sanitary conveniences. Their respective per cents of the total requirements issued were 40.0 and 26.7.

NUMBER OF ORDERS CONTAINING EACH CLASSIFIED REQUIREMENT ISSUED DURING THE YEAR ENDING DECEMBER 31, 1915. BY TYPE OF INSPECTION.

[The totals for the various classes of requirements as shown in this table, correspond to the totals as shown in General Table I, pages 29 to 36. These totals do not correspond to the totals which would be derived from pages 37 to 156 of General Table I, because any class of requirements issued less than five times for any sub-group of type of inspection, is not shown separately, but is carried as "All Other."]]

Type of Inspection.	Number of Orders Containing Requirements Concerning										Total.	
	Children, minors and women.	Men on public works.	General safety.	Lighting.	Furnishings.	Ventilation and overcrowding.	Heating.	Cleanliness and sanitary conveniences.	Dangerous machinery and processes.	Protection from fire.		Miscellaneous.
ALL ESTABLISHMENTS	2,038	9	2,822	158	156	669	529	5,069	5,516	4,306	643	21,924
CONSTRUCTION	712	3	944	54		143	12	2,194	4,967	437	163	9,618
MANUFACTURES	12		26					21	137	11	3	209
Chemicals and allied products.	136		333	17		67	1	1,060	542	91	46	2,311
Food and kindred products.	69	1	181	15		10	4	204	1,545	41	17	2,077
Iron and steel and their products.	22		13	1		3		34	90	14	8	185
Leather and its finished products.	6		11					6	41	1		65
Liquors and beverages.	26		75			3	1	71	682	39	9	906
Lumber and its remanufactures.												
Metals and metal products, other than iron and steel.	14		24			2		40	217	19	1	317
Paper and printing.	94		46	4		8	1	163	305	39	12	667
Steam and electric railroad repair shops.	7		12									
Stone, clay and glass products.	27		89	1		2		14	63	1		100
Textiles	220		25	6		3		74	388	11	4	612
Tobacco manufactures	29		12	3		21	4	256	96	25	6	715
Vehicles for land transportation	6		39			4		87	15	43	2	202
Manufactures, not otherwise classified	56	2	59	1				42	336	20	2	449
HOSPITALS, INFIRMARIES AND HOMES	1		38			13	1	107	50	45	20	804
PLACES OF PUBLIC ASSEMBLY.	122	1	1,528	76	166	8	6	28	35	104	7	227
Amusement parks	81		2			43		497	88	3,318	141	8,203
Churches			72			1					9	103
Halls			190	3	2		12	7	1	310	4	406
Schools			1,218	73	123	7	6	29	6	689	5	877
Theaters	23		96		31	402	453	1,765	61	1,498	101	5,687
Places of public assembly, not otherwise classified		1				22	19	31	15	790	19	1,045
SERVICE	496		117	9		1	2	11	5	34	2	85
						22	2	353	246	190	123	1,503

Garages	24	.....	12	.....	.....	.....	13	64	7	.....	97
Hotels	74	.....	44	.....	.....	.....	34	12	134	3	256
Laundries	338	.....	43	.....	.....	.....	196	170	39	21	565
Restaurants	1	.....	18	.....	.....	.....	116	.....	10	99	595
TENEMENTS	677	.....	25	.....	.....	.....	18	1	71	.....	118
Stores, wholesale and retail	672	.....	126	.....	.....	.....	586	82	164	186	1,903
Yards, coal, lumber and junk	4	.....	101	.....	.....	.....	561	48	150	183	1,783
Trade, not otherwise classified	1	.....	18	.....	.....	.....	19	29	10	7	85
TRANSPORTATION AND PUBLIC UTILITIES	1	.....	7	.....	.....	.....	6	5	4	1	25
Electric light and power and waterworks	89	.....	37	.....	.....	.....	60	84	21	34	340
Telegraph and telephone .....	.....	.....	21	.....	.....	.....	3	79	5	2	116
Transportation and public utilities, not otherwise classified	84	.....	13	.....	.....	.....	56	2	15	31	210
.....	5	.....	3	.....	.....	.....	1	3	1	1	14

PERCENTAGE DISTRIBUTION OF REQUIREMENTS OF ORDERS ISSUED DURING THE YEAR ENDING DECEMBER 31, 1915. BY TYPE OF INSPECTION AND CLASS OF REQUIREMENT.

Percentage Distribution of Requirements of Orders.													
Type of Inspection.		Children, minors and women.	Men on public works.	General safety.	Lighting.	Furnishings.	Ventilation and overcrowding.	Heating.	Cleanliness and sanitary conveniences.	Dangerous machinery and processes.	Protection from fire.	Miscellaneous.	Total
ALL ESTABLISHMENTS		9.3	(a)	12.9	0.7	0.7	3.0	2.4	23.2	25.2	19.6	2.9	100.0
CONSTRUCTION		.....	.....	31.8	.....	.....	.....	.....	9.1	59.1	.....	.....	100.0
MANUFACTURES		7.4	(a)	9.8	0.6	.....	1.5	0.1	22.8	51.6	4.5	1.6	100.0
Chemicals and allied products.....		5.7	.....	12.0	.....	.....	.....	.....	10.0	65.6	5.3	1.4	100.0
Food and kindred products.....		5.8	.....	14.4	0.7	.....	2.9	(a)	46.7	23.5	3.9	1.9	100.0
Iron and steel and their products.....		2.8	(a)	8.7	0.7	.....	0.5	0.2	9.8	74.4	2.0	0.8	100.0
Leather and its finished products.....		11.9	.....	7.0	0.5	.....	1.6	.....	18.4	48.6	7.6	4.3	100.0
Liquors and beverages.....		9.2	.....	16.9	.....	.....	.....	.....	9.2	63.1	1.5	.....	100.0
Machinery and its manufactures.....		2.3	.....	8.3	.....	.....	0.3	0.1	7.3	75.4	4.3	1.0	100.0
Metals and metal products other than iron and steel.....		4.4	.....	7.6	.....	.....	0.6	.....	12.6	68.5	6.0	0.3	100.0
Paper and printing.....		14.1	.....	6.9	0.6	.....	1.2	0.1	23.7	45.7	5.8	1.8	100.0
Steam and electric railroad repair shops.....		7.0	.....	12.0	1.0	.....	2.0	.....	14.0	63.0	1.0	.....	100.0
Stone, clay and glass products.....		4.4	.....	14.5	1.0	.....	0.5	.....	12.1	65.0	1.8	0.7	100.0
Textiles.....		30.3	.....	3.5	0.8	.....	2.9	0.6	36.8	13.4	8.7	3.5	100.0
Tobacco manufactures.....		14.4	.....	6.9	1.6	.....	3.5	.....	7.4	74.8	21.3	3.0	100.0
Vehicles for land transportation.....		1.3	.....	8.7	.....	.....	0.9	.....	9.4	74.8	4.5	0.4	100.0
Manufactures, not otherwise classified.....		7.0	0.2	7.3	0.1	.....	1.6	0.1	13.3	62.2	5.6	2.5	100.0
HOSPITALS, INFIRMARIES AND PHARMACIES.....		0.4	.....	16.7	.....	.....	3.5	2.6	12.3	15.4	45.8	3.1	100.0
PLACES OF PUBLIC ASSEMBLY.		1.6	(a)	13.6	0.9	1.9	5.3	6.1	22.6	1.1	40.4	1.7	100.0
Amusement parks.....		78.6	.....	1.9	.....	.....	1.0	.....	.....	8.7	.....	9.7	100.0
Churches.....		.....	.....	17.7	.....	0.2	.....	3.0	1.7	0.2	76.4	1.0	100.0
Halls.....		.....	.....	14.3	0.3	.....	0.8	0.7	3.3	0.7	73.6	0.6	100.0
Stalls.....		.....	.....	21.4	1.3	2.2	7.1	8.1	31.0	1.1	23.1	1.8	100.0
Schools.....		.....	.....	9.1	.....	3.1	2.1	1.8	3.0	1.4	76.6	1.3	100.0
Theaters.....		2.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100.0
Places of public assembly, not otherwise classified.....		21.2	1.2	12.9	.....	.....	1.2	2.4	12.9	5.9	40.0	2.4	100.0
SERVICE		29.0	.....	17.3	0.6	.....	1.5	0.1	23.8	16.4	12.6	3.2	100.0
Garages.....		.....	.....	12.4	.....	.....	.....	1.0	13.4	64.0	7.2	.....	100.0
Hotels.....		8.4	.....	17.2	0.4	.....	.....	0.4	13.3	4.7	52.3	1.2	100.0
Laundries.....		13.3	.....	7.7	1.1	1.0	1.3	.....	36.1	30.6	7.0	3.9	100.0
Restaurants.....		56.3	.....	8.0	0.3	.....	2.0	.....	19.6	.....	1.7	16.6	100.0

DISTRIBUTION OF ORDERS BY COUNTIES.

The number of establishments visited, number of inspections made, and number of orders issued in each of the counties of the state during the year ending December 31, 1915, is shown in the following table:

NUMBER OF ESTABLISHMENTS VISITED, INSPECTIONS MADE AND ORDERS ISSUED DURING YEAR ENDING DECEMBER 31, 1915. BY COUNTIES.

County.	Number of			County.	Number of		
	Estab-lish-ments in-spected.	Inspec-tions made.	Orders issued.		Estab-lish-ments in-spected.	Inspec-tions made.	Orders issued.
Adams	67	90	51	Logan	125	165	51
Allen	207	233	37	Lorain	229	259	73
Ashland	98	115	22	Lucas	517	559	232
Ashtabula	98	99	64	Madison	80	94	30
Athens	280	304	125	Mahoning	304	446	291
Auglaize	78	92	29	Marion	139	155	80
Belmont	147	159	44	Medina	73	84	21
Brown	73	88	47	Melgs	157	160	138
Butler	359	391	249	Mercer	45	49	35
Carroll	43	48	24	Miami	150	158	58
Champaign	130	153	22	Monroe	20	20	3
Clark	533	679	162	Montgomery	1,186	1,431	578
Clermont	174	208	113	Morgan	99	104	15
Clinton	90	91	76	Morrow	54	58	36
Columbiana	196	255	123	Muskingum	271	306	64
Coshocton	22	23	10	Noble	18	18	6
Crawford	191	226	105	Ottawa	96	99	26
Cuyahoga	1,444	1,685	923	Paulding	33	37	18
Darke	87	97	50	Perry	150	158	79
Defiance	50	53	17	Pickaway	124	134	53
Delaware	100	125	30	Pike	26	26	9
Erie	159	175	34	Portage	68	69	42
Fairfield	111	127	33	Preble	83	84	34
Fayette	80	105	10	Putnam	78	80	67
Franklin	733	878	262	Richland	239	284	93
Fulton	66	68	33	Ross	167	202	41
Gallia	103	113	87	Sandusky	170	213	55
Geauga	24	24	12	Scioto	200	235	52
Greene	68	79	42	Seneca	81	95	55
Guernsey	76	86	21	Shelby	70	82	33
Hamilton	2,263	2,501	980	Stark	443	510	171
Hancock	126	143	77	Summit	273	297	103
Hardin	164	184	82	Trumbull	181	188	142
Harrison	27	27	9	Tuscarawas	289	319	127
Henry	46	50	19	Union	124	150	41
Highland	162	185	77	Van Wert	65	76	21
Hocking	69	71	33	Vinton	22	22	21
Holmes	28	28	19	Warren	115	122	101
Huron	118	125	37	Washington	106	113	43
Jackson	144	148	111	Wayne	161	164	71
Jefferson	153	214	82	Williams	158	177	162
Knox	150	181	45	Wood	97	106	36
Lake	77	79	44	Wyandotte	77	81	50
Lawrence	117	130	21				
Licking	290	242	53	Total	16,999	19,458	8,106

EXAMINATION OF PLANS.

An important part of the work of this department is the examination of plans and specifications for public buildings. Except in the larger cities which have organized building departments, this department requires that plans and specifications for public buildings of all classes be submitted in duplicate for examination and approval.

Careful attention has been given to this branch of the work, which has been handled without unnecessary delay. In every case where architects and contractors have observed the rules of the department in submitting plans and specifications, they have received prompt attention, and in every case where delay has been necessary, it has been caused by the failure of architects and contractors in this respect.

While building operations in the past year have been greatly discouraged on account of the high cost of materials, the record for 1915 shows an increase in plans and specifications submitted over any other like period in the history of the department.

Eight hundred and fifty-four sets of plans were handled by the department during the year ending December 31, 1915. This was an average of 71 per month, as against an average of 65 per month for the period covered by the last report of the department. Many of these plans required a second and in a few cases a third examination, owing to the revisions necessary. In those cases where it was practical, however, the changes were indicated on the original plan by the department. This resulted in a considerable saving of time and the trouble of re-submitting the plans.

The following statement shows the number of sets of plans of each kind:

	Number of sets.
School buildings, public and parochial-----	302
Churches and temporary tabernacles-----	130
Theaters, picture shows and air domes-----	103
Heating and ventilating systems, all classes of buildings-----	191
Miscellaneous, including business and other college buildings, libraries, dormitories, Y. M. C. A. buildings, buildings for state institutions, armory buildings, lodge buildings, and other assembly halls, gymnasiums, hospitals, court houses, county infirmaries, county jails and children's homes-----	128
Total -----	854

In addition to the examination, approval and recording of plans, the assistants have made inspections of a large number of buildings, both in process of construction and after completion. These inspections are necessary to determine whether the plans and specifications have been followed in the construction.

Another part of their work has been the investigation of the structural condition of buildings in condemnation cases, and in other cases where the building had been subject to department orders involving the expenditure of large sums of money.

HIGH EXPLOSIVES.

Thirty-nine high explosive inspections were made and fifteen orders issued during the year ending December 31, 1915. At the close of

tabulation on April 30, 1916, information concerning the nineteen requirements of these orders showed that:

- 1 was reported complied with.
- 2 were reported not complied with.
- 16 were not reported on.

The principal requirement issued against high explosives is for removal of magazine to new location. Nine of the 19 requirements were of this nature. For full details of the work of this inspector, see Table I, page 121.

PROSECUTIONS.

The seventy-two prosecutions which were undertaken by the Department of Inspection of Workshops, Factories and Public Buildings during the year 1915, resulted in conviction and fine in every case save one where the action was dismissed at the cost of the state. Of the 71 fines assessed in these cases, thirty-five, or about one-half, were remitted. Stated in money values, \$770 was remitted and \$450 collected of a total of \$1,220 assessed.

The names of the firms prosecuted with the cause and resultant action in each case appear on pages 157-158.

The principal cause of prosecution was violation of laws governing employment of children, minors and women. Only three of the 72 affidavits filed related to other violations. The following table shows these causes and the number of prosecutions under each arranged in numerical importance:

Cause of Prosecution.	Number of cases.
Employment of girl 16 but under 18 without school certificate.....	26
Employment of girl under 16.....	12
Employment of female over 18 more than 10 hours per day.....	10
Employment of female over 18 more than 54 hours per week.....	7
Employment of boy under 15.....	6
Employment of girl 16 but under 18 more than 8 hours per day.....	4
Employment of boy 15 but under 16 without school certificate.....	3
Employment of boy 15 but under 16 more than 8 hours per day.....	1
Failure to repair building.....	1
Failure to remove refuse and to provide separate dressing-room.....	1
Failure to guard dangerous machinery.....	1
Total	72

TABLE I—REQUIREMENTS OF ORDERS ISSUED DURING YEAR ENDING DECEMBER 31, 1915, AND REPORTS AS TO COMPLIANCE, PARTIAL COMPLIANCE, NON-COMPLIANCE AND REQUIREMENTS RESCINDED RECEIVED TO APRIL 30, 1916. BY TYPE OF INSPECTION.

[Those sub-groups under the various types of inspection, for which fewer than 20 establishments were inspected, are not shown separately in this table. These classes of requirements issued less than five times for any sub-group are not shown separately for that sub-group, but are carried as "All Other." Because of this fact, the total of any separate requirement, or class of requirements, produced by adding the detailed requirements by sub-groups of type of inspection, pages 37 to 156, will not necessarily be the total of such requirements as shown on pages 22 to 36 of this table, and in the text table on pages 22-24.]

ALL ESTABLISHMENTS.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of requirements not reported on.
	Establishments inspected.	Inspections made.	Requirements issued.	Complied with.	Partially complied with.	Rescinded.	Not complied with.	
ALL ESTABLISHMENTS, TOTAL.....	18,999	19,453	21,953	9,732	108	227	1,595	10,261
<i>Children, Wives and Women.....</i>	2,038	1,232	7	18	46	785
Keep a post register of children.....	98	63	2	.....	.....	31
Post child and minor labor notice.....	150	110	1	1	1	37
Post female labor notice.....	210	144	2	2	2	60
Discharge boy under 16.....	49	37	.....	.....	.....	23
Secure school certificate for boy under 16.....	53	31	.....	.....	1	21
Stop employment of boy 15 but under 16 more than 8 hours per day.....	28	15	.....	.....	.....	13
Stop employment of boy 15 but under 16 more than 48 hours per week.....	24	15	.....	.....	.....	9
Stop employment of boy 15 but under 16 before 7 a. m. or after 6 p. m.....	37	19	.....	.....	1	17
Stop employment of boy 15 but under 16 more than 4 days per week.....	9	3	.....	.....	.....	6
Stop employment of boy 15 but under 16 more than 10 hours per day.....	25	10	.....	.....	2	13
Stop employment of boy 15 but under 16 more than 54 hours per week.....	52	24	.....	.....	3	26
Stop employment of boy 16 but under 18 before 6 a. m. or after 10 p. m.....	28	10	.....	1	3	14
Stop employment of boy 16 but under 18 more than 6 days per week.....	21	6	.....	.....	2	13
Discharge girl under 16.....	36	22	.....	1	1	12
Secure school certificate for girl 16 but under 18.....	200	121	.....	3	3	78

TABLE I—Continued.

REQUIREMENTS OF ORDERS ISSUED DURING YEAR ENDING DECEMBER 31, 1915, AND REPORTS AS TO COMPLIANCE, PARTIAL COMPLIANCE, NON-COMPLIANCE AND REQUIREMENTS RESCINDED RECEIVED TO APRIL 30, 1916. BY TYPE OF INSPECTION.

ALL ESTABLISHMENTS—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
ALL ESTABLISHMENTS, TOTAL—Continued.								
<i>(Children, Minors and Women—Concluded.)</i>								
Stop employment of girl 16 but under 18 more than 8 hours per day.....			108	67		2	2	37
Stop employment of girl 16 but under 18 more than 48 hours per week.....			102	61		3	2	37
Stop employment of girl 16 but under 18 before 7 a. m. or after 6 p. m.....			44	21		2	1	20
Stop employment of girl 16 but under 18 more than 6 days per week.....			28	16		1		11
Stop employment that requires constant standing of girl 16 but under 18.....			12	7	1			4
Stop employment of girl 18 but under 21 more than 10 hours per day.....			41	22				18
Stop employment of girl 18 but under 21 more than 64 hours per week.....			101	55			3	43
Stop employment of girl 18 but under 21 before 6 a. m. or after 10 p. m.....			35	16			1	18
Stop employment of girl 18 but under 21 more than 6 days per week.....			72	29			2	42
Stop employment that requires constant standing of girl 18 but under 21.....			19	11	1		1	6
Stop employment of child under 16 at dangerous machinery, where health may be injured or morals de-praved, or in the tobacco trades.....			13	4			1	7
Stop employment of child under 18 at an extremely dangerous occupation.....			6	4				2
Stop employment of female over 18 more than 10 hours per day.....			156	111			1	41
Stop employment of female over 18 more than 64 hours per week.....			283	187		2	11	89

TABLE I—Continued.

ALL ESTABLISHMENTS—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-scinded.	Not com-plied with.	
ALL ESTABLISHMENTS, TOTAL Continued.								
Heating.....	529	77	1	10	72	399
Provide heating system.....	368	42	1	9	58	263
Alter or repair heating system.....	78	16	.....	1	6	56
Provide means of heating where system is not used.....	13	2	.....	.....	1	10
Alter or repair means of heating where system is not used.....
Cleanliness and Sanitary Conveniences.								
Clean air-shaft, cellar or yard.....	70	17	.....	.....	8	45
Provide sanitary drinking fountain.....	5,089	2,087	42	59	440	2,481
Provide individual drinking cups.....	50	24	.....	1	2	28
Provide or repair pump.....	172	75	.....	2	9	88
Provide well.....	179	31	.....	1	17	139
Orders concerning drinking water, not otherwise class-ified.....	10	5	.....	.....	2	7
Clean or clear dressing room.....	137	23	.....	.....	.....	8
Provide screen, door or proper partition for dressing room.....	66	53	1	.....	12	109
Provide individual lockers.....	9	4	.....	.....	1	11
Provide dressing room for females.....	15	7	.....	.....	.....	4
Provide dressing room, where sex of employees is not stated.....	130	46	3	3	15	8
Provide adjacent dressing room and water closet.....	35	13	.....	.....	.....	68
Orders concerning dressing room, not otherwise class-ified.....	8	2	.....	1	4	18
Clean hall or stairs.....	28	12	.....	.....	.....	5
Paint, plaster or whitewash hall or stairs.....	27	14	.....	.....	2	12
Orders concerning hall or stairs, not otherwise class-ified.....	19	6	.....	.....	2	8
Provide lunch room for females and allow 30 minutes for lunch.....	2	.....	.....	.....	.....	11
Allow females one hour for lunch where separate lunch room is not provided.....	17	9	1	.....	2	2
Provide lunch room, other than that reserved for fe-males.....	101	71	1	.....	8	5
Clean lunch room.....	8	6	.....	.....	.....	28
.....	7	7	.....	.....	.....	2

TABLE I—Continued.
ALL ESTABLISHMENTS—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Requirements issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
ALL ESTABLISHMENTS, TOTAL—Continued.								
<i>Dangerous Machinery and Processes—Concluded.</i>								
Guard sprocket and chain belt.....	62	26	1	.....	1	24
Guard transmission apparatus, not otherwise classified.	2	.....	.....	.....	.....	2
Guard boring, drilling or reaming machine.....	13	9	.....	.....	.....	4
Guard meat chopper, power mincer or other cutting or chopping machine.....	5	3	.....	.....	.....	2
Guard paper cutter, trimmer or splitter.....	12	10	.....	.....	.....	2
Guard emery wheel.....	304	196	1	.....	13	94
Guard extractor.....	47	23	.....	.....	2	23
Provide safety equipment for ladder.....	8	6	.....	.....	1	2
Guard lathe.....	4	2	.....	.....	.....	2
Guard milling machine.....	3	2	.....	.....	.....	1
Guard mill or mixer.....	58	32	2	.....	.....	24
Guard planer, shaper, slotter, facer or jointer.....	185	87	1	1	9	87
Guard polishing and buffing machinery, exclusive of emery wheel.....	11	7	.....	.....	.....	4
Guard power hammer, steam or electric riveter or allied machinery.....	2	1	.....	.....	.....	1
Guard power press.....	96	23	1	1	25	46
Guard pump.....	7	4	.....	.....	.....	3
Guard roll or calender.....	29	17	.....	.....	1	11
Guard saw.....	292	151	1	3	13	119
Guard stamping, shearing or punching machine.....	83	34	2	.....	16	31
Guard ventilating or exhaust machine.....	7	3	.....	.....	.....	4
Keep dangerous machinery in good order.....	15	4	.....	.....	.....	11
Guard machinery, not otherwise classified.....	65	30	.....	.....	1	34
Guard fly-wheel or drive-wheel.....	392	218	.....	2	14	158
Provide railing platform for oiling or working.....	17	10	.....	.....	.....	7
Guard set-screw, bolt, nut or key.....	583	361	4	2	13	203
Provide anti-board.....	14	6	.....	.....	.....	8
Orders concerning parts of machines, not otherwise classified.....	3	2	.....	.....	.....	1
Keep guard in good order.....	19	13	.....	.....	.....	7
Prohibit removal of guard.....	80	48	.....	.....	3	29
Orders concerning condition of guards, not otherwise classified.....	1	1	.....	.....	.....	.....

Provide automatic gates or floor doors for elevator, hoist or conveyor.....	110	48	1	2	8	51
Repair automatic gate or floor door for elevator, hoist or conveyor.....	49	33	.....	1	5	10
Guard unused sides of elevator shaft or hoistway opening.....	77	39	.....	1	6	31
Guard unused sides of elevator car.....	21	17	.....	1	.....	3
Guard elevator ledge.....	53	23	.....	.....	2	28
Repair elevator, hoist or conveyor.....	17	7	.....	.....	1	9
Provide screen at top of elevator, hoist or conveyor.....	12	5	.....	1	.....	6
Provide warning apparatus for elevator or traveling crane.....	8	3	.....	.....	.....	5
Orders concerning elevator, hoist or conveyor, not otherwise classified.....	34	17	.....	.....	.....	17
Protection From Fire.....	4,365	1,650	.....	73	423	2,139
Change aisle.....	100	29	.....	.....	13	53
Cover heating pipe, furnace or fuel room.....	178	58	.....	2	21	97
Prohibit obstruction of aisle, space, entrance or exit.....	105	58	.....	2	6	37
Restrict class of entertainment.....	12	5	.....	1	2	4
Provide standard fire door.....	66	17	.....	1	5	43
Keep doors and windows unlocked during working hours.....	25	18	.....	2	1	4
Close window, door or other wall opening.....	10	2	.....	.....	.....	8
Provide panic-proof hardware.....	437	119	.....	3	48	253
Swing screen or screened sash outward.....	18	3	.....	.....	.....	15
Swing exit doors outward.....	450	131	.....	.....	43	263
Alter or repair door or window.....	62	27	.....	8	2	81
Provide standard fire-proof window.....	5	3	.....	2	.....	2
Orders concerning doors and windows, not otherwise classified.....	7	2	.....	.....	.....	4
Provide gradient.....	7	3	.....	.....	1	2
Provide new ground floor exit.....	89	19	.....	.....	9	61
Provide new exit, not fire escape, for upper floor, gallery or balcony.....	48	20	.....	1	5	23
Fireproof stairway.....	9	1	.....	.....	1	7
Widen exit.....	4	.....	.....	.....	.....	4
Place sign or light over exit.....	264	139	.....	9	33	583
Orders concerning exits, not otherwise classified.....	12	1	.....	1	3	7
Provide access to fire escape.....	44	19	.....	.....	2	23
Provide slide ladder or suspended stairway.....	16	7	.....	.....	3	6
Fasten seats together or to the floor.....	74	20	.....	2	9	42
Prohibit janitor's absence during session.....	2	.....	.....	1	.....	2
Keep fire escape or passage leading to it free from obstruction.....	104	77	.....	.....	6	21
Paint fire escape.....	132	62	.....	.....	15	55
Provide fire escape.....	251	66	.....	9	48	132
Orders concerning fire escapes, not otherwise classified.....	55	21	.....	.....	10	24
Orders concerning electric wiring.....	74	29	.....	1	5	37
Provide fire extinguisher.....	683	272	.....	2	65	345
Recharge fire extinguisher.....	106	55	.....	10	6	45
Provide fire Gong.....	106	24	.....	1	12	69
Provide fireproof curtain.....	9	2	.....	.....	3	4
Fireproof proscenium or other wall.....	21	4	.....	1	.....	13

TABLE I—Continued.
ALL ESTABLISHMENTS—Concluded.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of requirements not reported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-sciended.		Not complied with.
ALL ESTABLISHMENTS, TOTAL—Concluded.							
<i>Protection From Fire—Concluded.</i>							
Provide life line.....			5	1			4
Remove rubbish or combustibles.....			164	68			96
Remove hose from gas stove.....			130	76			54
Install automatic sprinkler system.....			2				2
Install standpipe and hose.....			24	9			15
Attach hose to standpipe.....			33	11			22
Provide water and pails.....			10	8			2
Keep extra film in light metal box.....			16	13			3
Remove or fireproof wood shelving in picture machine booth.....			16	7			9
Provide or repair slide and cord for motion picture machine.....			66	36			30
Fireproof motion picture machine booth.....			32	11	1		21
Ventilate motion picture machine booth.....			8	3			5
Provide standard door for motion picture machine booth.....			16	9		1	7
Orders concerning motion picture machine booth, not otherwise classified.....			21	13			8
Orders concerning fire protection, not otherwise classified.....			7	4			3
<i>High Explosives</i>			170	69	3	2	79
Orders concerning amount and location of explosives.....			19	1			18
Move magazine.....			3				3
Provide new magazine.....			9				9
Place sign on magazine or vehicle of transportation.....			1				1
File statement.....			1				1
File sworn statement.....			1				1
<i>Orders, Instructional</i>			527	284			243
<i>Orders, Miscellaneous</i>			116	46		1	64

TABLE I—Continued.
CONSTRUCTION.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
CONSTRUCTION, TOTAL	62	63	22	16	.....	.....	.....	7
<i>General Safety</i>	7	3	.....	.....	.....	4
Abandon building permanently.....	1	.....	.....	.....	.....	1
Cover floor opening.....	1	.....	.....	.....	.....	1
Provide, extend or repair guard-rail for platform or opening.....	4	2	.....	.....	.....	2
Provide, extend or repair hand-rail for stairway.....	1	1	.....	.....	.....	.....
<i>Cleanliness and Sanitary Conveniences</i>	2	.....	.....	.....	.....	1
Discontinue use of outside closet and provide equivalent inside facilities.....	1	1	.....	.....	.....	.....
Provide water closet.....	1	.....	.....	.....	.....	1
<i>Dangerous Machinery and Processes</i>	13	11	.....	.....	.....	2
Guard belt and pulley.....	3	2	.....	.....	.....	1
Guard cog, gear or friction wheel.....	3	2	.....	.....	.....	1
Guard shafting, exclusive of set-screws.....	1	1	.....	.....	.....	.....
Guard emery wheel.....	1	1	.....	.....	.....	.....
Guard saw.....	1	1	.....	.....	.....	.....
Guard fly or drive-wheel.....	1	1	.....	.....	.....	.....
Provide railed platform for oiling or working.....	1	1	.....	.....	.....	.....
Guard set-screw, bolt, nut or key.....	3	2	.....	.....	.....	.....
<i>All Other Orders</i>	2	1	.....	.....	.....	1

MANUFACTURES.

MANUFACTURES, TOTAL	8,691	10,208	9,618	5,390	66	59	471	3,683
<i>CHEMICALS AND ALLIED PRODUCTS, TOTAL</i>	211	248	209	189	3	.....	10	67
Chemicals, Acids and Wood Distillation.....	34	39	30	16	.....	.....	2	12
<i>Cleanliness and Sanitary Conveniences</i>.....	.....	.....	6	4	.....	.....	2	.....
Provide sanitary drinking fountain.....	.....	.....	1	1	.....	.....	.....	.....
Provide dressing room for females.....	.....	.....	1	.....	.....	.....	1	.....
Allow one hour for lunch for females, where separate lunch room is not provided.....	.....	.....	1	1	.....	.....	.....	.....
Provide or repair plumbing.....	.....	.....	1	1	.....	.....	.....	.....

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-sced-uled.		Not com-plied with.
MANUFACTURES, TOTAL—Continued.							
CHEMICALS AND ALLIED PRODUCTS, TOTAL—Con- tinued.							
Chemicals, Acids and Wood Distillation—Concluded.							
<i>Cleanliness and Sanitary Conveniences—Concluded.</i>							
Clean water closet.....			1	1			9
Provide water closet.....			18	9			1
Dangerous Machinery and Processes.							
Provide blower system or exhaust fan for removal of dust or gases.....			2				
Provide goggles.....			1				
Guard engine, exclusive of fly-wheel.....			1				
Guard belt and pulley.....			4				
Guard cog, gear or friction wheel.....			4				
Guard stamping, shearing or punching machine.....			1				
Guard fly or drive-wheel.....			1				
Guard set-screw, bolt, nut or key.....			2				
Repair automatic gate or floor door for elevator, hoist or conveyor.....				1			
Guard elevator ledges.....			1	1			
<i>All Other Orders.</i>			6	3			
Paint and Varnish.	53	53	56	28			3
General Safety.			5	3			1
Provide, repair or extend hand-rail for platform or opening.....			1	1			
Provide, repair or extend hand-rail for stairway.....			3	1			1
Orders concerning general safety, not otherwise classified.....			1	31			1
Dangerous Machinery and Processes.							
Provide respirator.....			43	1			
Provide rubber mat or wood platform at switch- board.....			1	1			
Guard engine, exclusive of fly-wheel.....			3				
Guard belt and pulley.....			1				
Guard cog, gear or friction wheel.....			12	8			
Guard shafting, exclusive of set-screws.....			10	1			
Guard sprocket and chain belt.....			3	3			
			1				1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as			Number of requirements not reported on.
	Estab-lishments in-spected.	Inspec-tions in-made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-scinded.	
MANUFACTURES, TOTAL—Continued.							
CHEMICALS AND ALLIED PRODUCTS, TOTAL—Con-cluded.							
Chemicals and Allied Products, Not Otherwise Classi-fied—Concluded.							
General Safety—Concluded.							
Provide, extend or repair guard-rail for platform or opening			3	3			
Orders concerning general repairs, not otherwise classified							
Provide, extend or repair hand-rail for stairway			1	1			
Repair stairway treads			4	2			2
Cleanliness and Sanitary Conveniences							
Clean air-shaft, cellar or yard			1	6		1	2
Provide or repair plumbing			1	1			1
Clean water closet			1				
Repair or rebuild water closet			1	1			
Place sign designating water closet			1				1
Clean workroom			1	1			
Repair plaster of workroom			1				
Dangerous Machinery and Processes			45	23	1	3	8
Provide rubber mat or wood platform at switch-board							
Guard belt or pulley			1	1			
Guard cog, gear or friction wheel			6	6			2
Guard shafing, exclusive of set-screws			3	6			2
Guard sprocket and chain belt			2	2			
Guard meat chopper, power mincer or other cutting or chopping machinery			2	1	1		
Guard paper cutter, trimmer or slitter			1	1			
Guard emery wheel			1				
Guard mill or mixer			1	3		1	
Guard power press			1	1			
Guard fly or drive-wheel			1	1			
Provide railed oiling or working platform			1	3		2	2
Guard set-screw, bolt, nut or key			1	1			
Repair automatic gates or floor door for elevator, hoist or conveyor			1	1			2

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
FOOD AND KINDRED PRODUCTS, TOTAL—Continued.								
Bread and Other Bakery Products—Continued.								
<i>General Safety—Continued.</i>								
Repair or renew floor.....			84	32			8	42
Make general structural repairs on building.....			11	6				5
Provide, extend or repair guard-rail for platform or opening.....			4	2				2
Repair or renew roof.....			31	18	1	1	2	9
Orders concerning general repairs, not otherwise classified.....			24	8			3	13
Provide additional inside stairway.....			1					1
Provide, extend or repair hand-rail for stairway.....			27	16			1	10
Repair, rearrange or remove stairway.....			3					3
Orders concerning safety of surroundings, not otherwise classified.....			1					1
<i>Lighting</i>			10	5			1	4
Provide light for workroom.....			10	6			1	4
<i>Ventilation and Overcrowding</i>			10	5			1	4
Provide means of ventilation where system is not used.....			59	23			6	31
Alter or repair means of ventilation where system is not used.....			27	5			2	20
Provide ventilation for water closet or dressing room.....			8	2				4
<i>Cleanliness and Sanitary Conveniences.</i>								
Clean air-shaft, cellar or yard.....			24	16			1	7
Provide drinking fountain.....			901	505	5	7	46	393
Clean or clear dressing room.....			1	5				2
Provide individual lockers.....			2	4				3
Provide dressing room for females.....			2	3			1	1
Provide dressing room, where sex of employees is not stated.....			5					3
Orders concerning dressing rooms, not otherwise classified.....			10	4			1	5
Allow one hour for lunch for females, where separate lunch room is not provided.....			1					1
Provide or repair drainage or spouting.....			1	1				3

Provide or repair plumbing.....	32	13	3	2	14
Orders concerning sanitation of surroundings, not otherwise classified.....	7	1	.....	1	5
Provide washroom.....	3	.....	.....	.....	3
Provide additional water closet facilities.....	23	17	1	2	5
Clean water closet.....	9	6	.....	1	2
Provide or use disinfectant in water closet.....	1	1	.....	.....	.....
Provide lock and key for women's water closet.....	19	4	1	4	10
Repair or rebuild water closet.....	15	10	.....	2	3
Provide screen, door or proper partition for water closet.....	6	2	.....	1	3
Provide separate water closet for each sex.....	13	5	1	1	6
Discontinue use of outside closet and provide equivalent inside facilities.....	.....	.....	.....	.....	.....
Remove water closet to greater distance from work-room.....	5	1	.....	.....	4
Provide water closet.....	15	7	.....	.....	6
Clean workroom.....	189	105	.....	3	91
Discontinue shop.....	4	3	.....	.....	1
Prohibit living or sleeping in workroom.....	243	6	.....	2	1
Paint, paper or whitewash workroom.....	31	135	1	12	92
Plaster or cell walls of workroom.....	73	16	.....	1	13
Repair plaster of workroom.....	34	34	1	4	34
Provide receptacle for refuse.....	1	1	.....	.....	.....
Remove refuse from workroom.....	21	10	.....	1	10
Repair oven or other baking tool.....	7	5	.....	1	3
Provide shelves for bread or materials.....	4	1	.....	.....	63
Clean bakery utensils.....	149	82	.....	1	.....
Orders concerning cleanliness of workroom, not otherwise classified.....	29	19	.....	3	8
<i>Dangerous Machinery and Processes</i>	115	61	1	2	50
Provide blower system or exhaust fan for dust or gases.....	13	8	.....	.....	10
Guard belt and pulley.....	23	16	.....	.....	6
Guard shaft near or adjacent wheel.....	25	13	1	2	10
Guard shafting exclusive of set-screws.....	3	1	.....	.....	1
Guard sprocket and chain belt.....	3	1	.....	.....	2
Guard mill or mixer.....	10	4	1	1	6
Keep machinery in good order.....	1	1	.....	.....	.....
Guard fly or drive-wheel.....	1	1	.....	.....	.....
Guard set-screw bolt nut or key.....	11	5	.....	.....	6
Prohibit removal of guard.....	1	1	.....	.....	.....
Provide automatic gates or floor doors for elevator, hoist or conveyor.....	12	7	.....	.....	5
Repair automatic gates or floor doors for elevator, hoist or conveyor.....	8	2	.....	.....	1
Guard unused sides of elevator shaft or hoistway.....	3	.....	.....	.....	3
Orders concerning elevator, hoist or conveyor, not otherwise classified.....	1	.....	.....	.....	1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scoluded.	Not complied with.
MANUFACTURES, TOTAL—Continued.							
FOOD AND KINDRED PRODUCTS, TOTAL—Continued.							
Bread and Other Bakery Products—Concluded.							
Protection From Fire.							
Prohibit obstruction of aisles, spaces, entrances and exits.			56	26		1	23
Keep doors and windows unlocked during working hours.			2	1			
Keep fire escape or passage leading to same free from obstruction.			1	1			1
Paint fire escape.			2				1
Orders concerning fire escapes, not otherwise specified.			1				1
Orders concerning electric wiring.			1				
Provide fire extinguisher.			1	1			
Fireproof prospectum or other wall.			9	3			3
Remove rubbish or combustibles.			1				1
Remove hose from gas stove.			6	4			1
Orders concerning protection from fire, not otherwise classified.			27	14			13
All Other Orders.			6	2			2
Butter, Cheese and Condensed Milk.			22	17			4
Children, Minors and Women.			59	37			19
Post child labor notice.		103	8	7			1
Post female labor notice.			1	1			
Stop employment of boy 15 but under 16 before 7 a. m. or after 6 p. m.			1	1			
Stop employment of female over 18 more than 10 hours per day.			2	2			
Stop employment of female over 18 more than 54 hours per week.			3	3			
Cleanliness and Sanitary Conveniences.			6	4			1
Provide dressing room for females.			1				1
Provide or use disinfectant for water closet.			1				
Provide lock and key for women's water closet.			1	1			
Provide separate water closet for each sex.			1				1
Place sign designating water closet.			1	1			
Provide water closet.			1				1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-scinded.	
MANUFACTURES. TOTAL—Continued.							
FOOD AND KINDRED PRODUCTS. TOTAL—Continued.							
Candy and Saved Peanuts—Concluded.							
<i>Candies and Sundry Confections—Concluded.</i>							
Repair or rebuild water closet.....			2				
Orders concerning water closets, not otherwise classified.....				2			
Clean workroom.....			1	1			1
Paint, paper or whitewash workroom.....			1	3			1
Plaster or cell walls of workroom.....			1				1
Remove refuse from workroom.....			1				1
<i>Dangerous Machinery and Processes</i>			27	20			7
Provide rubber mat or wood platform at switch-board.....							
Guard motor, dynamo, exciter or transformer.....			2	2			
Guard belt and pulley.....			1	1			
Guard cog, gear or friction wheel.....			1	3			1
Guard shafting, exclusive of set-screws.....			4	4			2
Guard hand-chopped power mincer or other cutting or chopping machinery.....			2	1			1
Guard mill or mixer.....			2	1			1
Guard saw.....			2	1			
Guard fly or drive-wheel.....			2	1			
Guard set-screw, bolt, nut or key.....			1	1			
Prohibit removal of guard.....			1	1			1
<i>Prohibit From Five.</i>			1	6			2
Prohibit obstruction of aisles, spaces, entrances or exits.....			2	2			
Keep doors and windows unlocked during working hours.....			1	1			
Provide new ground floor exit.....			1				1
Keep fire escape or passage leading to same free from obstruction.....			1	1			
Paint fire escape.....			1				1
Provide fire escape.....			1	1			
Remove hose from gas stove.....			1	1			
<i>All Other Orders.</i>			15	10			5

	60	73	121	38		1	82
Canning and Preserving, Fruits and Vegetables.			26	9			17
Children, <i>Minors and Women</i>			3	2			3
Keep and post register of children.....			3	2			1
Post child labor notice.....			3	2			1
Post female labor notice.....			3	2			1
Secure school certificate for boy 15 but under 16.....			1				6
Stop employment of boy 15 but under 16 before 7 a. m. or after 6 p. m.....			1	1			2
Secure school certificate for girl 16 but under 18.....			7				1
Stop employment of girl 16 but under 18 more than 5 hours per day.....			3	1			
Stop employment of girl 16 but under 18 more than 4 1/2 hours per week.....			3	2			
Stop employment of girl 16 but under 18 before 7 a. m. or after 6 p. m.....			1	1			
Stop employment of girl 18 but under 21 more than 5 1/2 hours per week.....			1				
Stop employment of female over 18 more than 5 1/2 hours per week.....			2				
General Safety			28	10			2
Repair or renew floor.....			3	1			13
Cover floor opening.....			3	1			2
Provide, extend or repair guard-rail for platform or opening.....			3	1			1
Provide, extend or repair hand-rail for stairway.....			9	6			4
Repair, rearrange or remove stairway.....			6	1			4
Provide light for water closet.....			3	1			2
Orders concerning lighting, not otherwise classified.....			3	1			2
<i>Attendance and Sanitary Concerns</i>			4	1			3
Clean air-shaft, cellar or yard.....			1	1			3
Clean or clear dressing room.....			1	1			3
Provide dressing room for females.....			24	4			20
Orders concerning dressing rooms, not otherwise specified.....			1	1			1
Allow one hour for lunch for females where separate lunch room is not provided.....			2				2
Clean water closet.....			3	1			2
Provide or use disinfectant for water closet.....			4	1			3
Provide lock and key for women's water closet.....			1				1
Paint, paper or whitewash water closet.....			2				1
Repair or rebuild water closet.....			4	1			3
Provide screen, door or proper partition for water closet.....			1				1
Provide separate water closet for each sex.....			1				1
Orders concerning workrooms, not otherwise classified.....			3				2
Dangerous Machinery and Processes			82	8			24
Guard engine, exclusive of fly-wheel.....			1	1			6
Guard belt and pulley.....			10	4			3
Guard cog, gear or friction wheel.....			3				1
Guard shafting, exclusive of set-screws.....			1				3
Guard sprocket and chain belt.....			1				3

TABLE I—Continued.

MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
FOOD AND KINDRED PRODUCTS, TOTAL—Continued.								
Canning and Preserving, Fruits and Vegetables—Con-cluded.								
<i>Dangerous Machinery and Processes—Concluded.</i>								
Guard dangerous machinery, not otherwise classified			2					2
Guard fly or drive-wheel			7	2				2
Guard screw, bolt, nut or key								6
Provide automatic gates or floor doors for elevator, hoist or conveyor			1					1
Repair automatic gates or floor doors for elevator, hoist or conveyor			1	1				
Orders concerning elevator, hoist or conveyor, not otherwise classified								
<i>All Mill and Grist Mill Products.</i>								
<i>General Safety.</i>								
Repair or renew floor	43	49	11	6			1	6
Cover floor opening			24	18	1		25	112
Provide, extend or repair guard-rail for platform or opening			6	6			7	28
Orders concerning minor repairs, not otherwise classified			1					1
Provide, extend or repair hand-rail for stairway			2	18			2	13
Repair, rearrange or remove stairway			41	23			6	13
Repair stairway treads			1					1
<i>Cleanliness and Sanitary Conveniences.</i>								
Clean water closet			16	13			2	1
Provide or use disinfectant for water closet			3	3				
Repair or rebuild water closet			1	1				
Provide separate water closet for each sex			3	1			1	
Discontinue use of outside closet and provide equi-valent inside facilities			1	1				
Provide water closet			1	1				
<i>Dangerous Machinery and Processes.</i>								
Guard engine, exclusive of fly-wheel			22	117	1		1	79
Guard motor, dynamo, exciter or transformer			17	8			3	6
			1	1				

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as			Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	
MANUFACTURES, TOTAL—Continued.							
FOOD AND KINDRED PRODUCTS, TOTAL—Continued.							
Ice Cream—Concluded.							
<i>Dumplings, Machinery and Processes—Concluded.</i>			3	2			1
Guard set-screw, bolt, nut or key.....			1				1
Prohibit removal of guard.....			2			1	1
Provide automatic gates or floor doors for elevator, hoist or conveyor.....							
Guard unused sides of elevator shaft or hoistway opening.....			1				1
Guard elevator ledges.....			1				1
<i>All Other Orders.</i>			2				1
Slaughtering and Meat Packing.							
<i>Children, Infants and Women.</i>			93	56			37
Post child labor notice.....	45	50	3	3			6
Discharge boy under 16.....			1	1			1
Secure school certificate for boy 15 but under 16.....			2	1			1
Stop employment of boy 15 but under 16 more than 8 hours per day.....			1				1
Stop employment of boy 15 but under 16 more than 48 hours per week.....			1				1
Stop employment of boy 15 but under 16 before 7 a. m. or after 6 p. m.....			1				1
Stop employment of female over 18 more than 54 hours per week.....			1	1			
<i>General Sanitary.</i>			7	2			5
Make general structural repairs on building.....			1				1
Provide, extend or repair guard-rail for platform or opening.....			1				1
Orders concerning minor repairs, not otherwise classified.....			1				1
Provide, extend or repair hand-rail for stairway.....			3	1			2
Remove inside stairway.....			1	1			
<i>Qualities and Sanitary Conferences.</i>			15	3			12
Clean or clear dressing room.....			1				1
Provide dressing room for females.....			1	1			

TABLE I—Continued.

MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
FOOD AND KINDRED PRODUCTS, TOTAL—Concluded.								
Food and Kindred Products, Not Otherwise Classified—Concluded.								
<i>Cleanliness and Sanitary Convenience—Concluded.</i>								
Provide adjacent dressing room and water closet.			1					1
Orders concerning dressing room, not otherwise classified.			2					1
Clean hall or stair for lunch for females where separate lunch room is not provided.			1	1				
Clean water closet.			4	1				
Disinfectant used outside water closet and provide equivalent inside facilities.			1	2				2
Orders concerning water closets, not otherwise classified.								1
Clean workroom.			1					1
Paint, paper or whitewash workroom.			2					1
<i>Powerful Machinery and Propulsion.</i>			1					1
Guard engine, exclusive of fly-wheel.			28	1			1	2
Guard belt and pulley.			1	2				
Guard cog, gear or friction wheel.			9	1				1
Guard sprocket and chain belt.			7	3				1
Guard planer, shaper, slotter, taper or jointer.			1	6				
Guard power press.			1	1				
Guard fly drive-wheel.			1	1				
Guard set-screw, bolt, nut or key.			3	1				
Repair automatic gates or floor doors for elevator, hoist or conveyor.			2	2				
Guard unisid sides of elevator shaft or hoistway opening.			1				1	
Orders concerning elevator, hoist or conveyor, not otherwise classified.			1	1				
<i>Protection From Fire.</i>								
Keep doors and windows unlocked during working hours.			9	1				1
Repair or alter door or window.			1	1				

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as			Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.							
IRON AND STEEL AND THEIR PRODUCTS, TOTAL—Continued.							
<i>Children, Youngs and Women.</i>							
Boiler, Nuts, Washers and Rivets.....	16	18	37	38		1	
Post child labor notice.....			10	10			
Stop female labor notice.....			2	2			
Stop employment of boy 16 but under 16 before 7 a. m. or after 6 p. m.....			3	3			
Stop employment of boy 16 but under 18 more than 54 hours per week.....			1	1			
Stop employment of boy 16 but under 18 more than six days per week.....			1	1			
Stop employment of girl 16 but under 18 before 7 a. m. or after 6 p. m.....			1	1			
Stop employment of female over 18 more than 54 hours per week.....			1	1			
<i>Dangerous Machinery and Processes.</i>			19	18		1	
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.....			1	1			
Provide rubber mat or wood platform for switch-board.....			1	1			
Guard air compressor.....			1	1			
Guard belt and pulley.....			1	1			
Guard cog, gear or friction wheel.....			2	2		1	
Guard shafing, exclusive of set-screws.....			1	1			
Guard emery wheel.....			3	3			
Guard planer, shaper, slotter, facer or jointer.....			3	3			
Guard pump.....			1	1			
Guard fly or drive-wheel.....			2	2			
Guard set-screw, bolt, nut or key.....			3	3			
<i>All Other Orders.</i>			1	1			
Forgings	27	32	53	55			3
<i>Dangerous Machinery and Processes.</i>			51	48			3
Provide rubber mat or wood platform for switch-board.....			6	6			

Order	Classification	Number of Orders	Number of Persons	Number of Hours	Number of Days	Number of Weeks	Number of Months	Number of Years	Number of Decades	Number of Centuries	Number of Millennia
1	Orders concerning dangerous processes, not otherwise classified	1	6	99	6	1	1	1	1	1	1
2	Guard belt and pulley	1	6	99	6	1	1	1	1	1	1
3	Guard cog gear friction wheel	1	6	99	6	1	1	1	1	1	1
4	Guard shafting exclusive of set-screws	1	6	99	6	1	1	1	1	1	1
5	Guard emery wheel	1	6	99	6	1	1	1	1	1	1
6	Guard mill or mixer	1	6	99	6	1	1	1	1	1	1
7	Guard planer, shaper, slotter, face or jointer	1	6	99	6	1	1	1	1	1	1
8	Guard power hammer, riveter or allied machinery	1	6	99	6	1	1	1	1	1	1
9	Guard power press	1	6	99	6	1	1	1	1	1	1
10	Guard sawing, planing or punching machine	1	6	99	6	1	1	1	1	1	1
11	Guard ventilating or exhaust machine	1	6	99	6	1	1	1	1	1	1
12	Guard fly or drive wheel	1	6	99	6	1	1	1	1	1	1
13	Guard set-screw, bolt, nut or key	1	6	99	6	1	1	1	1	1	1
14	Prohibit removal of guard	1	6	99	6	1	1	1	1	1	1
15	Guard unused sides of elevator shaft or hoistway opening	1	6	99	6	1	1	1	1	1	1
16	All Other Orders	1	6	99	6	1	1	1	1	1	1
17	Foundry and Machine Shop Products	1	6	99	6	1	1	1	1	1	1
18	Children, Minors and Women	1	6	99	6	1	1	1	1	1	1
19	Keep and post register of children	1	6	99	6	1	1	1	1	1	1
20	Post child labor notice	1	6	99	6	1	1	1	1	1	1
21	Post female labor notice	1	6	99	6	1	1	1	1	1	1
22	Discharge boy under 15	1	6	99	6	1	1	1	1	1	1
23	Secure school certificate for boy 15 but under 16	1	6	99	6	1	1	1	1	1	1
24	Stop employment of boy 15 but under 16 more than 8 hours per day	1	6	99	6	1	1	1	1	1	1
25	Stop employment of boy 15 but under 16 more than 48 hours per week	1	6	99	6	1	1	1	1	1	1
26	Stop employment of boy 16 but under 18 more than 10 hours per day	1	6	99	6	1	1	1	1	1	1
27	Stop employment of boy 16 but under 18 more than 64 hours per week	1	6	99	6	1	1	1	1	1	1
28	Stop employment of boy 16 but under 18 before 6 a. m. or after 10 p. m.	1	6	99	6	1	1	1	1	1	1
29	Stop employment of boy 16 but under 18 more than six days per week	1	6	99	6	1	1	1	1	1	1
30	Secure school certificate for girl 16 but under 18	1	6	99	6	1	1	1	1	1	1
31	Stop employment of girl 16 but under 18 more than 8 hours per day	1	6	99	6	1	1	1	1	1	1
32	Stop employment of girl 16 but under 18 more than 48 hours per week	1	6	99	6	1	1	1	1	1	1
33	Stop employment of girl 18 but under 21 before 6 a. m. or after 10 p. m.	1	6	99	6	1	1	1	1	1	1
34	Stop employment of girl 18 but under 21 more than six days per week	1	6	99	6	1	1	1	1	1	1
35	Stop employment of child under 18 at extremely dangerous occupation	1	6	99	6	1	1	1	1	1	1
36	Stop employment of female over 18 more than 10 hours per day	1	6	99	6	1	1	1	1	1	1
37	Stop employment of female over 18 more than 64 hours per week	1	6	99	6	1	1	1	1	1	1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-schedd.	
MANUFACTURES. TOTAL—Continued.							
IRON AND STEEL AND THEIR PRODUCTS, TOTAL—Continued.							
Foundry and Machine Shop Products—Continued.							
<i>General Safety</i>			88	50	.....	1	37
Abandon building permanently.....			1	.....	.....	.....	1
Repair or renew floor.....			23	13	.....	.....	8
Cover floor opening.....			5	1	.....	.....	4
Make general structural repairs on building.....			2	1	.....	.....	1
Provide, extend or repair guard-rail for platform or opening.....			14	7	.....	.....	7
Repair or renew roof.....			5	3	.....	.....	2
Orders concerning minor repairs, not otherwise classified.....			4	2	.....	.....	2
Provide, extend or repair hand-rail for stairway.....			26	13	.....	.....	1
Repair, rearrange or remove stairway.....			3	2	.....	.....	10
Repair stairway treads.....			6	6	.....	.....	.....
Orders concerning safety of surroundings, not otherwise classified.....			3	1	.....	.....	.....
Orders concerning general safety, not otherwise classified.....			2	1	.....	.....	2
<i>Lighting</i>			13	9	.....	.....	1
Provide light for water closet.....			2	2	.....	.....	3
Provide light for workroom.....			11	7	.....	.....	.....
<i>Ventilation and Overcrowding</i>			6	2	.....	.....	3
Provide means of ventilation where system is not used.....			2	1	.....	.....	1
Alter or repair means of ventilation where system is not used.....			2	1	.....	.....	.....
Provide ventilation for dressing room or water closet.....			2	.....	.....	.....	1
<i>Cleanliness and Sanitation</i>			148	64	.....	.....	86
Clean air-shaft, cellar or yard.....			2	.....	.....	1	2
Provide sanitary drinking fountain.....			23	9	.....	.....	12
Provide individual drinking cups.....			1	1	.....	.....	.....
Provide individual lockers.....			7	4	.....	.....	3

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-sched.	
MANUFACTURES, TOTAL—Continued.							
IRON AND STEEL AND THEIR PRODUCTS, TOTAL—Continued							
Foundry and Machine Shop Products—Concluded.							
<i>Dangerous Machinery and Processes—Concluded.</i>							
Guard transmission apparatus, not otherwise classi-fied			1	4			1
Guard boring, drilling or reaming machine.....			4				
Guard emery wheel.....	107		62			7	38
Guard extractor.....	1		1				
Provide safety equipment for ladder.....	1		1				
Guard lathe.....	2		1				
Guard milling machine.....	8		5				
Guard mill or mixer.....	51		20				1
Guard planer, shaper, slotter, facer or jointer.....	3		1			4	27
Guard power press.....	44		19				4
Guard roll or calender.....	24		10				2
Guard saw.....	4						6
Guard stamping, shearing or punching machine.....	7		6				1
Guard ventilating or exhaust machine.....	61		31			1	29
Keep machinery in good order.....	88		47			2	39
Provide guard for machinery, not otherwise classi-fied	1		1				
Guard fly or drive-wheel.....	17		5				2
Guard set-screw, bolt, nut or key.....	14		9			1	4
Provide skirt-board.....	12		3				8
Keep guard in good order.....	3		2				
Prohibit removal of guard.....	13		7				4
Provide automatic gates or floor doors for elevator, hoist or conveyor.....	5		1				
Alter or repair automatic gates or floor doors for elevator hoist or conveyor.....	1						
Guard unused sides of elevator shaft or hoistway opening.....	13		7				4
Guard unused sides of elevator car.....	2		2				
Guard elevator ledges.....	5		1				4
Repair elevator, hoist or conveyor.....	1		1				

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as			Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	
MANUFACTURES, TOTAL—Continued.							
IRON AND STEEL AND THEIR PRODUCTS, TOTAL—Continued.							
<i>Dangerous Machinery and Processes—Concluded.</i>							
Machine Repairs—Concluded.							
Alter or repair automatic gates or floor doors for elevator, hoist or conveyor.			1	1			1
Guard elevator ledges.			1	1			1
<i>All Other Orders.</i>							
Steel Works and Rolling Mills.		44	146	31	2		113
<i>General Safety.</i>	83		31	7			24
Post danger sign or provide signal.			1	1			1
Repair or renew floor.			1	1			1
Cover floor opening.			1	1			4
Provide, extend or repair guard-rail for opening or platform.			8	2			6
Orders concerning minor repairs, not otherwise classified.				2			
Provide, extend or repair hand-rail for stairway.			2	2			
Repair stairway treads.			4				
Orders concerning safety of surroundings, not otherwise classified.			2				
Orders concerning general safety, not otherwise classified.			5	2			3
<i>Cleanliness and Sanitary Conveniences.</i>							
Provide sanitary drinking fountain.			3				3
Repair or rebuild water closet.			9	1			8
Discontinue use of outside closet and provide equivalent inside facilities.			7	1			6
<i>Dangerous Machinery and Processes.</i>							
Provide rubber mat or wood platform at switch-board.			101	22	1		78
Orders concerning dangerous processes, not otherwise classified.			3				3
Guard engine, exclusive of fly-wheel.			3				3
Guard belt and pulley.			13	3	1		9
Provide belt shifter or loose pulley.			1				1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-schuded.	Not complied with.
MANUFACTURES, TOTAL—Continued.							
IRON AND STEEL AND THEIR PRODUCTS, TOTAL—Continued.							
Stoves and Furnaces, including Gas and Oil Stoves—Concluded.							
<i>Dangerous Machinery and Processes—Concluded.</i>							
Provide rubber mat or wood platform for switch-board.....			3	1			2
Guard belt and pulley.....			10	8			2
Guard cog, gear, or friction wheel.....			13	9			4
Guard shafting, exclusive of set-screws.....			11	9			2
Guard sprocket and chain belt.....			1	1			
Guard emery wheel.....			14	13			1
Guard mill or mixer.....			1	1			
Guard planer, shaper, slotter, facer or jointer.....			3	2			1
Guard polishing or buffing machinery, exclusive of emery wheel.....			1	1			
Guard power press.....			1	1			
Guard saw.....			2	2			
Guard stamping, shearing or punching machine.....			3	2			1
Guard fly or drive-wheel.....			3	2			1
Guard set-screw, bolt, nut or key.....			6	5			1
Prohibit removal of guard.....			2	2			
Provide automatic gates or floor doors for elevator, hoist or conveyor.....			1	1			
Guard unused slides of elevator shaft or hoistway opening.....			1				
Guard elevator ledges.....			1	2			1
Wire.....	12	13	30	6	2		20
<i>Dangerous Machinery and Processes.</i>			21	5	2		13
Provide blower system or exhaust fan for removal of dust or gases.....			1				1
Guard engine, exclusive of fly-wheel.....			1				1
Guard belt and pulley.....			3				1
Guard cog, gear or friction wheel.....			6	1			1
Guard shafting, exclusive of set-screws.....			1				1
Guard emery wheel.....			2	2			

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	
MANUFACTURES, TOTAL—Continued.							
IRON AND STEEL AND THEIR PRODUCTS, TOTAL—Concluded.							
Classified—Concluded.							
<i>Chemicals and Sanitary Conveniences—Concluded.</i>							
Clean water closet.....	3		3	3			1
Provide or use disinfectant for water closet.....	1		1	1			
Provide screen, door or proper partition for water closet.....	1		1	1			
Provide separate water closet for each sex.....	1		1	1			
Discontinue use of outside closet and provide equiv- alent inside facilities.....	91		91	64	1		9
<i>Dangerous Machinery and Processes.</i>							
Provide blower system or exhaust fan for removal of dust or gases.....	5		5	1	1		1
Provide rubber mat or wood platform for switch- board.....	1		1	1			
Guard engine, exclusive of fly-wheel.....	1		1	1			
Guard belt and pulley.....	18		18	14			1
Guard cog, gear or friction wheel.....	18		18	13			3
Guard shafting, exclusive of set-screws.....	7		7	5			2
Guard emery wheel.....	8		8	5			2
Provide safety equipment for ladder.....	1		1	5			3
Guard planer, shaper, slotter, facer or jointer.....	1		1	1			
Guard polluting or buffing machinery, exclusive of emery wheel.....	1		1	1			
Guard roll or calender.....	1		1	1			
Guard saw.....	1		1	2			
Guard stamping, shearing or punching machine.....	6		6	2			2
Guard fly or drive-wheel.....	23		23	1			1
Guard set-screw, belt, nut or key.....	3		3	3			
Prohibit removal of guard.....	11		11	10			1
Alter or repair automatic gates or floor doors for elevator, hoist or conveyor.....	2		2	2			
Guard elevator ledges.....	1		1	1			1
<i>All Other Orders.</i>	7		7	3			2

Boots and Shoes, including Cut Stock and Findings....	60	118	122	80	2	7	33
<i>Children, Minors and Women</i>			122	18		1	1
Keep and post register of children.....			30	1			
Post child labor notice.....			2	1			
Post female labor notice.....			1	1			
Discharge boy under 16.....			1	1			
Secure school certificate for boy 16 but under 18 more than 8 hours per week.....			1	1			
Secure school certificate for girl 16 but under 18 more than 8 hours per week.....			3	2	1		1
Stop employment of girl 16 but under 18 more than 8 hours per week.....			3	3			
Stop employment of girl 18 but under 21 more than 8 hours per week.....			2	2			
Stop employment of female over 18 more than 34 hours per week.....			2	2			
<i>General Safety</i>			2	2			3
Repair or renew floor.....			2	4	1		1
Provide, extend or repair hand-rail for stairway.....			2	1	1		1
Repair stairway treads.....			3	1			1
Orders concerning safety of surroundings, not otherwise classified.....			1	1			
Orders concerning general safety, not otherwise classified.....			1	1			
<i>Cleanliness and Sanitary Conventions</i>			29	16	1		11
Provide sanitary drinking fountain.....			2	2			
Clean or clear dressing room.....			2	2			
Paint, plaster or whitewash hall or stairs.....			1				1
Allow one hour for lunch for females where separate lunch room is not provided.....			3	2			1
Provide seats for women.....			1	1			
Provide lunch room other than that reserved for females.....			1	1			
Provide additional water closet facilities.....			1	1			
Clean water closet.....			7	2			1
Provide or use disinfectant for water closet.....			4	3	1		1
Repair or rebuild water closet.....			2	1			1
Provide screen, door or proper partition for water closet.....			1				1
Paint, paper or whitewash workroom.....			1				1
Provide receptacle for refuse.....			1	1			
Orders concerning workroom, not otherwise classified.....			2	1			
<i>Dangerous Machinery and Processes</i>			45	31	1		10
Provide blower system or exhaust fan for removal of dust or gases.....			1	1			
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.....			2	1			1
Provide rubber mat or wood platform at switch-board.....			2	2			
Guard engine, exclusive of fly-wheel.....			2		1		1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of requirements not reported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.	133	139	135	101		2	9	73
LEATHER AND ITS FINISHED PRODUCTS, TOTAL..								
Concluded.								
Boots and Shoes, including Cut Stock and Findings....								
Concluded.								
Dangerous Machinery and Processes—Concluded.								
Guard belt and pulley.....			10	8				2
Guard cog, gear or friction wheel.....			4	3				1
Guard shafting, exclusive of set-screws.....			5	4			1	
Guard emery wheel.....			2	1				
Guard power press.....			1	1				
Provide guard for machinery, not otherwise classi-fied.....								
Guard fly or drive-wheel.....			3	3				
Guard set-screw, bolt, nut or key.....			3	1				2
Provide skirt-board.....			4	3				1
Prohibit removal of guard.....			2	1				1
Guard unused sides of elevator shaft or holstway opening.....			1					1
Guard elevator ledges.....			1	1				
Provide screen at top of elevator, hoist or conveyor.			1			1		
Protection From Fire.....								
Provide panic-proof hardware.....			10	6				5
Change door to swing outward.....			1					1
Keep fire escape or passage leading to same free from obstruction.....			1					1
Paint fire escape.....			3	2				
Provide fire escape.....			1					1
Provide fire extinguisher.....			1	1				1
Orders concerning protection from fire, not other-wise classified.....								
All Other Orders.....			2	2				3
Leather Goods.....	44	52	20	6			1	11
Dangerous Machinery and Processes.....			29	16			2	7
Guard belt and pulley.....			16	9				
Guard shafting, exclusive of set-screws.....			3	2				
Guard emery wheel.....			2	1				1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-schedd.	Not com-plied with.
MANUFACTURES, TOTAL—Continued.							
LIQUORS AND BEVERAGES, TOTAL—Concluded.							
Mineral and Soda Waters—Concluded.							
Children, Minors and Women—Concluded.							
Stop employment of boy 15 but under 16 before 7 a. m. or after 6 p. m.			1	1			1
Secure school certificate for girl 16 but under 18.			1	1			1
General Safety.			8	4			3
Repair or renew floor.			2	1			1
Provide, extend or repair guard-rail for platform or opening.			3	2			1
Provide, extend or repair hand-rail for stairway.			3	1			1
Dangerous Machinery and Processes.			16	9			6
Provide rubber mat or wood platform for switch-board.							
Guard belt and pulley.			1	3			1
Guard cog, gear or friction wheel.			1	1			2
Guard fly, drive wheel.			4	2			
Guard set-screw, belt, nut or key.			4	3			2
Repair elevator, hoist or conveyor.			1				
All Other Orders.		19	12	2			1
Liquors and Beverages, Not Otherwise Classified.	17		7	4		2	
Dangerous Machinery and Processes.			7	4		2	
Guard belt and pulley.			2	2			
Guard cog, gear or friction wheel.			2	1		1	
Guard power press.			1	1			
Guard fly or drive-wheel.			1			1	
LUMBER AND ITS REMANUFACTURES, TOTAL.	790	875	986	488		24	380
Baskets and Rattan and Willow-Ware.	13	15	32	8			24
Children, Minors and Women.			11	2			9
Keep and post register of children.							
Post and post notices.			1	1			1
Post child labor notices.			1				
Post female labor notices.			1	1			
Discharge boy under 15.			2				2
Secure school certificate for boy 15 but under 16.			2				2

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
LUMBER AND ITS REMANUFACTURES, TOTAL—Continued.								
Coffins, Burial Cases and Undertakers' Goods.....	15	19	27	17	.....	.....	1	9
<i>Dangerous Machinery and Processes.</i>			20	14	.....	.....	.....	6
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.....			3	2	.....	.....	.....	1
Guard belt and pulley.....			3	2	.....	.....	.....	1
Guard cog, gear or friction wheel.....			3	1	.....	.....	.....	1
Guard shafting, exclusive of set-screws.....			3	1	.....	.....	.....	1
Guard paper cutter, trimmer or slitter.....			3	1	.....	.....	.....	1
Guard power press.....			1	.....	.....	.....	.....	.....
Guard saw.....			1	.....	.....	.....	.....	.....
Guard machinery, not otherwise classified.....			1	1	.....	.....	.....	1
Guard fly or drive-wheel.....			1	1	.....	.....	.....	.....
Guard set-screw, bolt, nut or key.....			1	1	.....	.....	.....	.....
Provide automatic gates or floor doors for elevator, hoist or conveyor.....			1	1	.....	.....	.....	.....
Guard unused sides of elevator shaft or hoistway opening.....			1	1	.....	.....	.....	.....
<i>All Other Orders.</i>			17	3	.....	.....	.....	.....
Ceopage and Wooden Goods, Not Otherwise Classified	45	51	65	35	.....	.....	1	3
<i>Oleomines and Sanitary Conveniences.</i>			8	4	.....	.....	.....	19
Provide sanitary drinking fountain.....			1	.....	.....	.....	.....	2
Clean water closet.....			1	.....	.....	.....	.....	.....
Provide separate water closet for each sex.....			1	.....	.....	.....	.....	.....
Provide water closet.....			1	.....	.....	.....	.....	.....
Remove refuse from workroom.....			1	.....	.....	.....	.....	.....
<i>Dangerous Machinery and Processes.</i>			1	.....	.....	.....	.....	.....
Provide blower system or exhaust fan for removal of dust or gases.....			51	27	.....	.....	.....	16
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.....			1	1	.....	.....	.....	.....
Provide rubber mat or wood platform at switch-board.....			2	.....	.....	.....	.....	.....
Guard belt and pulley.....			1	.....	.....	.....	.....	.....
Guard cog, gear or friction wheel.....			10	6	.....	.....	.....	3
			9	5	.....	.....	.....	3

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scheduled.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
LUMBER AND ITS REMANUFACTURES, TOTAL—Continued.								
Furniture and Refrigerators—Concluded.								
<i>Dangerous Machinery and Processes—Concluded.</i>								
Guard saw			22	13	.....	.....	1	8
Guard stamping, shearing or punching machine.....			3	1	.....	.....	.....	2
Guard machinery, not otherwise classified.....			1	1	.....	.....	.....	.....
Guard fly or drive-wheel.....			6	3	.....	.....	.....	3
Guard set-screw, bolt, nut or key.....			9	6	.....	.....	.....	3
Keep guard in good order.....			1	1	.....	.....	.....	.....
Prohibit removal of guard.....			7	1	.....	.....	.....	2
Provide automatic gates or floor doors for elevator, hoist or conveyor.....			1	1	.....	.....	.....	.....
Alter or repair automatic gates or floor doors for elevator, hoist or conveyor.....			2	.....	.....	.....	.....	2
Guard unused sides of elevator shaft or hoistway opening.....			1	.....	.....	.....	.....	1
Guard elevator ledges.....			3	2	.....	.....	.....	1
Provide warning apparatus for descent of elevator.....			2	.....	.....	.....	.....	2
Orders concerning elevator, hoist or conveyor, not otherwise classified.....			2	1	.....	.....	.....	1
<i>Protection From Fire.</i>			15	5	.....	.....	2	8
Swing exit door outward.....			1	.....	.....	.....	.....	1
Keep fire escape or passage leading to same free from obstruction.....			3	.....	.....	.....	.....	2
Paint fire escape.....			1	1	.....	.....	.....	.....
Provide fire escape.....			4	.....	.....	.....	1	3
Provide fire extinguisher.....			1	.....	.....	.....	.....	1
Recharge fire extinguisher.....			1	1	.....	.....	.....	.....
Remove rubbish or combustibles.....			2	1	.....	.....	.....	1
Orders concerning protection from fire, not other-wise classified.....			2	1	.....	.....	1	.....
<i>All Other Orders.</i>			4	.....	.....	.....	3	1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-scinded.	
MANUFACTURES, TOTAL—Continued.							
LUMBER AND ITS REMANUFACTURES, TOTAL—Continued.							
<i>Saw Mills—Concluded.</i>							
<i>Dangerous Machinery and Processes—Concluded.</i>							
Keep machinery in good order.....			2	1			1
Guard machinery, not otherwise classified.....			1	7			1
Guard fly or drive-wheel.....			5	6			2
Guard set-screw, bolt, nut or key.....			7	7			3
<i>All Other Orders.</i>							3
Guard set-screw, bolt, nut or key.....				4			3
Wooden Boxes	38	40	27	18			9
<i>Dangerous Machinery and Processes.</i>			20	18			2
Guard belt and pulley.....			7	5			2
Guard cog, gear or friction wheel.....			2	2			1
Guard shafting, exclusive of set-screws.....			2	1			1
Guard boring, drilling or reaming machine.....			1	2			1
Guard saw.....			8	1			7
Guard fly or drive-wheel.....			1	1			1
Guard set-screw, bolt, nut or key.....			1	1			1
Alter or repair automatic gates or floor doors for elevator, hoist or conveyor.....			1				1
Guard unused sides of elevator shaft or hoistway opening.....			1				1
Orders concerning elevator, hoist or conveyor, not otherwise classified.....			1				1
<i>All Other Orders.</i>							1
Wood, Turned and Carved.....	60	68	76	42		6	23
<i>General Safety</i>			9	6		3	1
Repair or renew floor.....			4	3		1	1
Provide, extend or repair guard-rail for platform or opening.....							
Repair or renew roof.....			1	1			
Provide, extend or repair hand-rail for stairway.....			2	2			
<i>Dangerous Machinery and Processes.</i>			61	32		3	21
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.....							
Guard engine, exclusive of fly-wheel.....			1	1			1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-scinded.	
MANUFACTURES, TOTAL—Continued.							
LUMBER AND ITS REMANUFACTURES, TOTAL—Concluded.							
Lumber and its Remanufactures, Not Otherwise Classi-fied—Concluded.							
<i>Dangerous Machinery and Processes—Concluded.</i>							
Alter or repair automatic gates or floor doors for elevator, hoist or conveyor.....			1	1			1
Guard elevator ledges.....			10	6			5
<i>Protection From Fire</i>							
Keep fire escape or passage leading to same free from obstruction.....			2	1			1
Provide fire escape.....			1				1
Orders concerning electric wiring.....			6	2			3
Provide fire extinguisher.....			1	1			1
Provide water and pails.....			7	6		1	
<i>All Other Orders</i>							
METALS AND METAL PRODUCTS, OTHER THAN IRON AND STEEL, TOTAL.....	233	323	317	176	7	1	112
BRASS AND STEEL PRODUCTS.....	52	61	66	34	4		26
<i>Chemicals and Sanitary Appliances</i>			7	4			3
Clean water closet.....			1				1
Provide or use disinfectant for water closet.....			1	1			1
Provide screen, door or proper partition for water closet.....			1				
Provide separate water closet for each sex.....			1	1			
Provide water closet.....			2	2			
<i>Dangerous Machinery and Processes</i>			53	27	4		20
Provide blower system or exhaust fan for removal of dust or gases.....			12	4		2	6
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.....			2	1	1		
Provide rubber mat or wood platform at switch-board.....			8	2			3
Guard belt and pulley.....			8				1

[illegible]

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
LUMBER AND ITS REMANUFACTURES, TOTAL—Concluded.								
Lumber and its Remanufactures, Not Otherwise Classified—Concluded.								
<i>Dangerous Machinery and Processes—Concluded.</i>								
Alter or repair automatic gates or floor doors for elevator, hoist or conveyor.....			1	1				1
<i>Protection From Fire.</i>			10	6				6
Guard elevator ledges.....								
Keep fire escape or passage leading to same free from obstruction.....			2	1				1
Provide fire escape.....			1	1				
Orders concerning electric wiring.....			1					
Provide fire extinguisher.....			6	2				3
Provide water and pails.....			1	1				
<i>All Other Orders.</i>			7	6			1	
METALS AND METAL PRODUCTS, OTHER THAN IRON AND STEEL, TOTAL.								
Brass and Bronze Products.								
<i>Oilcaniness and Sanitary Conveniences.</i>			317	176	7	1	20	113
Clean water closet.....	255	323	66	34	4		3	26
Provide dressing room for females.....	52	61	7					3
Provide or use disinfectant for water closet.....			1					1
Provide screen, door or proper partition for water closet.....			1	1				
Provide separate water closet for each sex.....			1	1				
Provide water closet.....			2	2				
<i>Dangerous Machinery and Processes.</i>			53	27	4		2	20
Provide blower system or exhaust fan for removal of dust or gases.....			12	4			2	6
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.....			2	1	1			
Provide rubber mat or wood platform at switch-board.....			3					3
Guard belt and pulley.....			3	2				1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	
MANUFACTURES, TOTAL—Continued.							
METALS AND METAL PRODUCTS, OTHER THAN							
IRON AND STEEL, TOTAL—Continued.							
Copper, Tin and Sheet Iron Products—Concluded.			1	1			1
<i>Cleanliness and Sanitary Convenience—Concluded.</i>			3			1	1
Place sign designating water closet.			3				
Provide water closet.			2				
Clean workroom			120	53	3		69
Paper, paint or whitewash workroom.			5	1			2
<i>Dangerous Machinery and Processes.</i>			2	1			1
Provide blower system or exhaust fan for removal of dust or gases.			1	1			
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.			5	3			2
Provide respirator			2	1			1
Provide rubber mat or wood platform for switch-board			1				
Orders concerning dangerous processes, not other-wise classified			5				2
Guard belt and pulley.			1				1
Provide belt shifter or loose pulley			25	14			11
Guard cog, gear or friction wheel			2				2
Guard shafting, exclusive of set-screws.			10	3	1		6
Guard sprocket and chain belt.			10	8			2
Guard paper cutter, trimmer or slitter.			1				1
Guard emery wheel.			1	1			
Guard mill or mixer.			9	5			4
Guard planer, shaper, slotter, facer or jointer.			1	1			
Guard roll or calender.			1				
Guard saw			1				1
Guard stamping, shearing or punching machine.			4	2			2
Guard machinery, not otherwise classified.			13	4	1		6
Guard fly or drive-wheel.			1				1
Guard set-screw, bolt, nut or key.			14	5			9
Guard unused slides of elevator shaft or hoistway opening			10	2	1		7
Guard elevator ledges.			1	1			

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of requirements not reported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scaled.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
PAPER AND PRINTING, TOTAL.....	685	810	667	488	1	3	39	188
Bags, Paper.....	13	13	40	19			1	20
Children, Minors and Women.....			7	1				6
Post child labor notice.....			2					2
Post female labor notice.....			1					1
Secure school certificate for girl 16 but under 18.....			1					1
Stop employment of girl 16 but under 18 more than 8 hours per day.....			1					1
Stop employment of girl 16 but under 18 more than 48 hours per week.....			1					1
Stop employment of female over 18 more than 54 hours per week.....			1	1				2
General Safety.....			6	4				
Repair or renew floor.....			2	2				
Provide, extend or repair guard-rail for platform or opening.....			2	1				1
Provide, extend or repair hand-rail for stairway.....			2	1				1
Dangerous Machinery and Processes.....			23	10			1	12
Provide rubber mat or wood platform at switch-board.....			1					1
Guard engine, exclusive of fly-wheel.....			1	1				
Guard motor, dynamo, exciter or transformer.....			1					1
Guard belt and pulley.....			1	1				1
Guard cog, gear or friction wheel.....			3	2				1
Guard cog, gear or friction wheel.....			1					1
Guard shafting, exclusive of set-screws.....			1					1
Guard sprocket and chain belt.....			1					1
Guard emery wheel.....			3				1	2
Guard power press.....			1					
Guard saw.....			1	1				1
Guard machinery, not otherwise classified.....			3	1				1
Guard fly or drive-wheel.....			3	2				1
Guard set-screw, bolt, nut or key.....			3	2				1
All Other Orders.....	25	28	4	4				14
Book Binding and Blank Book Making.....			89	24			1	3
Children, Minors and Women.....			6	3				1
Keep and post register of children.....			1					

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of requirements not reported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
PAPER AND PRINTING, TOTAL—Continued.								
Boxes, Fancy and Paper—Concluded.								
<i>Cleanliness and Sanitary Conveniences—Concluded.</i>								
Provide seats for women.....	1		1	1				1
Provide lunch room where sex of employees is not stated.....	1		1					1
Clean washroom.....	1		1					1
Paint or whitewash washroom.....	1		1					1
Clean water closet.....	1		1					1
Provide or use disinfectant for water closet.....	4		4	1				3
Paint, paper or whitewash water closet.....	1		1	1				1
Repair or rebuild water closet.....	1		1					1
Provide separate water closet for each sex.....	1		1	1				1
Orders concerning water closet, not otherwise classified.....	1		1	1				1
Provide towels.....	1		1	1				1
Dangerous Machinery and Processes								
Alter, repair or connect blower system or exhaust fan for removal of dust or gas.....	29		29	16		1	2	10
Provide rubber mat or wood platform for switch-board.....	1		1					1
Guard belt and pulley.....	17		17	1				3
Guard cog, gear or friction wheel.....	12		12	4				1
Guard shafting, exclusive of set-screws.....	1		1	1				1
Guard sprocket and chain belt.....	1		1	1				1
Guard paper cutter, trimmer or splitter.....	4		4	4				1
Guard emery wheel.....	2		2	2		1	2	1
Guard power press.....	1		1	1				1
Guard saw.....	12		12					2
Guard machinery, not otherwise classified.....	1		1	1				2
Guard set-screw, bolt, nut or key.....	1		1	1				2
Prohibit removal of guard.....	1		1	4				3
<i>Protection From Fire</i>								
Prohibit obstruction of aisles, spaces, entrances or exits.....	2		2	1				1
Alter or repair door or window.....	1		1					1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-scinded.	
MANUFACTURES, TOTAL—Continued.							
PAPER AND PRINTING, TOTAL—Continued.							
Paper and Wood Pulp—Concluded.							
<i>Dangerous Machinery and Processes—Concluded.</i>							
Guard set-screw, bolt, nut or key.....			10	8		1	1
Provide automatic gates or floor doors for elevator, hoist or key.....							
Alter or repair automatic gates or floor doors for elevator, hoist or conveyor.....			1	1			
Guard unused sides of elevator shaft or hoistway opening.....			3	2			1
Guard unused sides of elevator car.....			3	2			1
Repair elevator, hoist or conveyor.....			1	1			1
Orders concerning elevator, hoist or conveyor, not otherwise classified.....			1	1			1
<i>Protection From Fire.</i>							
Prohibit obstruction of aisles, spaces, entrances or exits.....			1	1			
Provide access to fire escape.....			1	1			
Paint fire escape.....			1	1			
Provide fire escape.....			1	1			
<i>All Other Orders.</i>							
Printing and Publishing.....	461	546	311	191		29	1
<i>Children, Minors and Women.</i>			40	35			5
Keep and post register of children.....			2	2			1
Post child labor notice.....			7	6			1
Post female labor notice.....			7	6			1
Discharge boy under 15.....			7	6			1
Secure school certificate for boy 15 but under 16.....			2	1			1
Stop employment of boy 15 but under 16 more than 8 hours per day.....			2	1			1
Stop employment of boy 15 but under 16 more than 48 hours per week.....			1	1			
Stop employment of boy 16 but under 18 more than 10 hours per day.....			1	1			
Stop employment of boy 16 but under 18 more than 54 hours per week.....			1	1			

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of requirements not reported on.
	Estab- lishments in- spectd.	Inspec- tions made.	Require- ments issued.	Complied with.	Partially complied with.	Re- scluded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
PAPER AND PRINTING, TOTAL—Continued.								
Printing and Publishing—Concluded.								
<i>Cleanliness and Sanitary Conveniences—Concluded.</i>								
Paint, paper or whitewash workroom.....			1	1				1
Repair plaster of workroom.....			3	2				1
Remove refuse from workroom.....			1	1				
Provide towels.....			147	77			17	53
Dangerous Machinery and Processes.								
Provide blower system or exhaust fan for removal of dust or gases.....			3	2				1
Provide rubber mat or wood platform at switch-board.....			4	1				3
Orders concerning dangerous processes, not other- wise classified.....								
Guard engine, exclusive of fly-wheel.....			1	1				
Guard motor, dynamo, exciter or transformer.....			2	1				
Guard belt and pulley.....			20	16			1	1
Guard cog. gear or friction wheel.....			4	2				2
Guard shafting, exclusive of set-screws.....			5	2				3
Guard power press.....			47	5			12	30
Guard roll or calender.....			2	1				1
Guard saw.....			24	1			1	
Guard fly or drive-wheel.....			1	19			1	
Provide railled cutting or working platform.....			1	1			1	
Guard set-screw, bolt, nut or key.....			1	22			1	
Provide automatic gates or floor doors for elevator, hoist or conveyor.....			26					
Guard unused slides of elevator shaft or hoistway opening.....			3	2			1	
Protection From Fire.								
Prohibit obstruction of aisles, spaces, entrances or exits.....			1	1			1	
Keep doors and windows unlocked during working hours.....			23	15				7
Provide panic-proof hardware.....			2	1				1
Alter or repair door or window.....			1	1				
			1	1				

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as			Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-scheduled.	
MANUFACTURES, TOTAL—Continued. PAPER AND PRINTING, TOTAL—Concluded. Paper and Printing, Not Otherwise Classified—Con-cluded.							
<i>Dangerous Machinery and Processes—Concluded.</i>							
Guard belt and pulley.....			5	4			1
Guard cog, gear or friction wheel.....			2	2			
Guard cog wheel.....			1	1			
Guard emery wheel.....			2	1	1		
Guard power press.....			1	1			
Guard roll or calender.....			1			1	
Guard saw.....			1				
Guard stamping, shearing or punching machine.....			1	1			
Guard machinery, not otherwise classified.....			1	1			
Guard fly or drive-wheel.....			2	1			1
Guard set-screw, bolt, nut or key.....			4	4			
Prohibit removal of guard.....			1			1	
<i>All Other Orders.</i>			8	2			6
STEAM AND ELECTRIC RAILROAD REPAIR SHOPS, TOTAL.....	86	89	100	57		1	42
<i>Children, Minors and Women.</i>			7	7			
Keep and post register of children.....			1	1			
Post female labor notice.....			1	1			
Stop employment of girl 18 but under 21 more than 10 hours per day.....			1	1			
Stop employment of girl 18 but under 21 more than 54 hours per week.....			1	1			
Stop employment of girl 18 but under 21 more than 6 days per week.....			1	1			
Stop employment of female over 18 more than 10 hours per day.....			1	1			
Stop employment of female over 18 more than 54 hours per week.....			1	1			
<i>General Safety.</i>			12	17			6
Provide new chimney, flue or stack.....			1	1			
Repair or renew floor.....			3	1			2
Provide, extend or repair guard-rail for platform or opening.....			2	1			1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-sctnded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
STONE, CLAY AND GLASS PRODUCTS, TOTAL—Con- tinued.								
Brick and Tile—Concluded.								
General Safety.								
Alter or repair chimney, flue or stack.....			47	16				31
Repair or renew floor.....			1					1
Cover floor openings.....			6	3				3
Provide, extend or repair guard-rail for platform or opening.....			1					1
Repair or renew roof.....			18	7				11
Provide, extend or repair hand-rail for stairway.....			1					1
Orders concerning safety of surroundings, not other- wise classified.....			16	6				10
Orders concerning general safety, not otherwise classified.....			2					2
<i>Cleanliness and Sanitary Conventions.</i>								
Provide additional water closet facilities.....			2					2
Clean water closet.....			12	6			1	3
Repair or rebuild water closet.....			1	1				
Provide screen, door or proper partition for water closet.....			2	3			1	
Provide water closet.....				1				
Paint, paper or whitewash workroom.....			1	1				
Remove refuse from workroom.....			1					
<i>Dangerous Machinery and Processes.</i>								
Provide blower system or exhaust fan for removal of dust or gases.....			168	74		2	3	79
Provide rubber mat or wood platform at switch- board.....			2	1			1	
Orders concerning dangerous processes, not other- wise classified.....			2	2				
Guard engine, exclusive of fly-wheel.....			1					1
Guard motor, dynamo, exciter or transformer.....			10	6				6
Guard belt and pulley.....			1	1				
Provide belt shifter or loose pulley.....			31	11				20
Guard cog, gear or friction wheel.....			1	13				1
			24					12

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of requirements not reported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
STONE, CLAY AND GLASS PRODUCTS, TOTAL—Continued.								
Glass—Concluded.								
<i>Dangerous Machinery and Processes—Concluded.</i>								
Guard unused sides of elevator car.....			1	1			1	2
<i>All Other Orders.</i>			4	18				18
Marble and Stone Work.	56	59	31	13				8
<i>Dangerous Machinery and Processes.</i>			21					1
Provide goggles.....			1					1
Provide respirator.....			4					
Guard engine, exclusive of fly-wheel.....			2	2				1
Guard motor, dynamo, exciter or transformer.....			3					
Guard belt and pulley.....			6	6				
Guard shafting, exclusive of set-screws.....			1	1				
Guard emery wheel.....			1					1
Guard mill or mixer.....			1					1
Guard fly or drive-wheel.....			1	1				
Guard set-screw, bolt, nut or key.....			2					
Guard part of machine, not otherwise classified.....			1					
<i>All Other Orders.</i>			10	5				5
Pottery, Terra Cotta and Fire Clay Products.	110	164	10	200			10	49
<i>Children, Minors and Women.</i>			259	10				1
Keep and post register of children.....			11	2				
Post child labor notice.....			4	4				
Post female labor notice.....			4	4				
Secure school certificate for girl 15 but under 16.....			1					1
<i>General Safety.</i>			26	17				9
Repair or renew floor.....			8	3				5
Cover floor opening.....			2	2				
Provide, extend or repair guard-rail for platform or opening.....			10	9				1
Provide, extend or repair hand-rail for stairway.....			2	1				1
Repair, rearrange or remove stairway.....			2					2
Repair stairway treads.....			1	1				
Orders concerning general safety, not otherwise classified.....			1	1				

[illegible]

TABLE I—Continued.

MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-schd'd.	Not com-plied with.	
MANUFACTURES, TOTAL—Continued.								
STONE, CLAY AND GLASS PRODUCTS, TOTAL—Con-cluded.								
Stone, Clay and Glass Products, Not Otherwise Classi-fied—Concluded.								
<i>General Safety—Concluded.</i>								
Provide, extend or repair guard-rail for platform or opening.....			3	1				2
Orders concerning minor repairs, not otherwise classified.....			1	1				3
Provide, extend or repair hand-rail for stairway.....			1	1				
Orders concerning safety of surroundings, not other-wise classified.....			1	4			1	3
<i>Clearances and Sanitary Conventions.</i>								
Allow one hour for lunch for females where sepa-rate lunch room is not provided.....			3	2				1
Clean water closet.....			1	2				1
Provide water closet.....			3	20			1	2
<i>Dangerous Machinery and Processes.</i>			42					
Provide blower system or exhaust fan for removal of dust or gases.....			1	1				
Guard motor dynamo, exciter or transformer.....			13	6				3
Guard belt and pulley.....			1					3
Provide belt shifter or loose pulley.....			6	3				1
Guard cog, gear or friction wheel.....			3	2				1
Guard shafting exclusive of set-screws.....			2	1				
Guard sprocket and chain belt.....								
Guard polishing or buffing machinery, exclusive of emery wheel.....			1					1
Guard fly or drive-wheel.....			3					1
Guard set-screw, bolt nut or key.....			6	4				3
Provide automatic gates or floor doors for elevator, hoist or conveyor.....			1					1
Guard unused sides of elevator shaft or hoistway opening.....			3	1				1
Guard elevator ledges.....			1					1

Orders concerning elevator, hoist or conveyor, not otherwise classified

All Other Orders

TEXTILES, TOTAL

Clothing, Men's, including shirts.....
 Children, Men's and Women.....
 Keep and post register of children.....
 Post child labor notice.....
 Post female labor notice.....
 Discharge girl under 16.....
 Secure school certificate for girl 16 but under 18.....
 Stop employment of girl 16 but under 18 more than 8 hours per day.....
 Stop employment of girl 16 but under 18 more than 48 hours per week.....
 Stop employment of girl 16 but under 18 before 7 a. m. or after 6 p. m.....
 Stop employment of girl 16 but under 18 more than 6 days per week.....
 Stop employment that requires constant standing of girl 18 but under 21.....
 Ventilation and Overcrowding.....
 Provide ventilation for dressing room or water closet.....
 Cleanliness and Sanitary Conveniences.....
 Provide individual drinking cups.....
 Clean or clear dressing room.....
 Provide screen, door or proper partition for dressing room.....
 Provide dressing room for females.....
 Orders concerning dressing room, not otherwise classified.....
 Clean hall or stairs.....
 Paint, plaster or whitewash hall or stairs.....
 Allow one hour for lunch for females where separate lunch room is not provided.....
 Provide additional water closet facilities.....
 Clean water closet.....
 Provide or use disinfectant for water closet.....
 Paint, paper or whitewash water closet.....
 Provide separate water closet for each sex.....
 Clean workroom.....
 Paint, paper or whitewash workroom.....
 Remove refuse from workroom.....
 Dangerous Machinery and Processes.....
 Guard motor, dynamo, exciter or transformer.....
 Guard belt and pulley.....
 Guard shafting, exclusive of set-screws.....
 Guard fly or drive-wheel.....
 Provide skirtboard.....
 Guard unused sides of elevator shaft or hoistway opening

1	1	2	30	3	38	109	1
16	715	477	3	3	5	28	3
145	98	98	1	1	1	9	9
48	37	37	1	1	1	2	2
10	7	4	1	1	1	1	1
5	4	8	1	1	1	1	1
8	8	8	1	1	1	3	3
3	1	7	1	1	1	1	1
10	10	3	1	1	1	1	1
4	4	3	1	1	1	1	1
4	4	3	1	1	1	1	1
1	1	1	1	1	1	1	1
2	2	2	1	1	1	1	1
1	1	1	1	1	1	1	1
6	6	1	1	1	1	6	6
56	40	40	2	2	1	6	6
1	1	1	1	1	1	13	13
4	3	3	1	1	1	1	1
1	1	2	1	1	1	1	1
2	2	2	1	1	1	1	1
2	2	1	1	1	1	1	1
4	4	2	1	1	1	1	1
1	1	8	1	1	1	1	1
9	11	7	1	1	1	3	3
1	1	2	1	1	1	1	1
11	8	1	1	1	1	1	1
1	1	10	1	1	1	1	1
11	2	1	1	1	1	1	1
2	2	7	1	1	1	1	1
13	13	1	1	1	1	6	6
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
2	2	4	1	1	1	1	1
4	4	1	1	1	1	3	3
1	1	1	1	1	1	1	1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
TEXTILES, TOTAL—Continued.								
Clothing, Men's, including Shirts—Concluded.								
Prohibit obstruction of aisles, spaces, entrances or exits			11	7			2	2
Keep doors and windows unlocked during working hours			1				1	
Keep fire escape and passage leading to same free from obstruction			2	2				
Provide fire escape			1	1				
Provide fire extinguisher			3	3			1	2
Remove rubbish or combustibles			1	1				
<i>All Other Orders.</i>			11	7				3
Clothing, Women's	139	196	264	135	13	3	1	39
Children, Minors and Women.			49	49	1		2	13
Keep and post register of children			10	5				5
Post child labor notice			11	9				2
Post female labor notice			28	22	1		1	5
Secure school certificate for girl 16 but under 18			6	4				2
Stop employment of girl 16 but under 18 more than 8 hours per day			3	1			1	2
Stop employment of girl 16 but under 18 more than 48 hours per week			3	1			1	1
Lighting								
Provide light for water closet			2	1				1
Orders concerning lighting, not otherwise classified.			3	3				
<i>Ventilation and Drying</i>			3	3				
Provide means of ventilation where system is not used			11	8		2		1
Provide ventilation for dressing room or water closet			3	3				
<i>Cleanliness and Sanitary Conveniences</i>								
Provide sanitary drinking fountain			8	5		2		1
Orders concerning drinking water, not otherwise classified			2	60	12		8	16
Clean or clear dressing room			1	1	1			1
			8	7			1	

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
TEXTILES, TOTAL—Continued.								
Cotton Goods and Cotton Small Wares.....	51	79	43	34	1	.....	3	10
Children, <i>Minors and Women</i>	13	10	.....	.....	1	2
Keep and post register of children.....	1	1	.....	.....	.....	.....
Post child labor notice.....	2	2	.....	.....	.....	1
Post female labor notice.....	1	1	.....	.....	.....	.....
Discharge girl under 16.....	1	1	.....	.....	.....	.....
Secure school certificate for girl 16 but under 18.....	4	2	.....	.....	1	1
Stop employment of girl 16 but under 18 more than 8 hours per day.....	1	1	.....	.....	.....	.....
Stop employment of girl 16 but under 18 more than 48 hours per week.....	1	1	.....	.....	.....	.....
Stop employment that requires constant standing of girl 16 but under 18.....	1	1	.....	.....	.....	.....
<i>General Safety</i>	1	1	.....	.....	.....	.....
Repair or renew floor.....	6	5	.....	.....	.....	.....
Make general structural repairs on building.....	1	1	.....	.....	.....	.....
Provide, extend or repair guard-rail for platform or opening.....	1	1	.....	.....	.....	.....
Provide, extend or repair hand-rail for stairway.....	2	2	.....	.....	.....	.....
<i>Cleanliness and Sanitary Conveniences</i>	1	1	.....	.....	.....	.....
Provide sanitary drinking fountain.....	16	9	1	.....	1	5
Provide dressing room for females.....	2	1	.....	.....	.....	.....
Allow one hour for lunch for females where sepa-rate lunch room is not provided.....	1	.....	.....	.....	.....	2
Provide additional water closet facilities.....	1	1	.....	.....	.....	.....
Clean water closet.....	2	2	.....	.....	.....	.....
Repair or rebuild water closet.....	2	2	.....	.....	.....	.....
Provide separate water closet for each sex.....	1	1	.....	.....	.....	.....
Discontinue use of outside closet and provide equiv-alent inside facilities.....	2	2	.....	.....	.....	2
Provide water closet.....	1	.....	.....	.....	1	.....
Orders concerning water closet, not otherwise classified.....	1	.....	1	.....	.....	.....
Clean workroom.....	1	.....	.....	.....	.....	1

Dangerous Machinery and Processes.	11				9				1		1
Provide blower system or exhaust fan for removal of dust or gases.....	1				1						
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.....	1				1						
Guard belt and pulley.....	1				1						1
Guard cog, gear or friction wheel.....	1				1						
Guard emery wheel.....	1				1						
Guard saw.....	1				1						
Guard set-screw, nut, bolt or key.....	1				1						
Provide automatic gates or floor doors for elevator, hoist or conveyor.....	1				1						
All Other Orders.	2				1						
Hosiery and Knit Goods.	2				1						
Children, Minors and Women.	2				1						
Keep and post register of children.....	2				1						
Post child labor notice.....	2				1						
Post female labor notice.....	2				1						
Stop employment of boy 16 but under 18 more than 54 hours per week.....	2				1						
Secure school certificate for girl 16 but under 18.....	1				1						
Stop employment of girl 16 but under 18 more than 8 hours per day.....	1				1						
Stop employment of girl 16 but under 18 more than 48 hours per week.....	1				1						
Stop employment that requires constant standing of girl 16 but under 18.....	1				1						
Stop employment of girl 18 but under 21 more than 54 hours per week.....	1				1						
Stop employment that requires constant standing of girl 18 but under 21.....	1				1						
Stop employment of female over 18 more than 54 hours per week.....	3				2						
Cleanliness and Sanitary Conscience.	1				1						
Clean or clear dressing room.....	1				1						
Provide individual lockers.....	1				1						
Provide dressing room for females.....	1				1						
Allow one hour for lunch for females where separate lunch room is not provided.....	1				1						
Provide seats for women.....	1				1						
Clean water closet.....	1				1						
Repair or rebuild water closet.....	1				1						
Orders concerning water closet, not otherwise classified.....	1				1						
Clean workroom.....	1				1						
Remove refuse from workroom.....	1				1						
Dangerous Machinery and Processes.	20				13						6
Provide rubber mat or wood platform at switch-board.....	1				1						
Guard belt or pulley.....	1				1						
Guard cog, gear or friction wheel.....	1				1						
Guard shafting, exclusive of set-screws.....	1				1						
Guard emery wheel.....	1				1						

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	
MANUFACTURES, TOTAL—Continued.							
TEXTILES, TOTAL—Continued.							
Hosiery and Knit Goods—Concluded.							
<i>Dangerous Machinery and Processes—Concluded.</i>							
Guard fly or drive-wheel.....	2	2	.....	.....	2
Guard set-screw, bolt, nut or key.....	2	1	.....	.....	1
Provide skirtboard.....
Orders concerning elevator, hoist or conveyor, not otherwise classified.....	1	6	1	.....	1
<i>Protection From Fire.</i>	7	.....	.....	.....	.....
Prohibit obstruction of aisles, spaces, entrances or exits.....	2	1	1	.....	.....
Keep fire escape or passage leading to same free from obstruction.....	1	1	.....	.....	.....
Paint fire escape.....	1	.....	.....	1	.....
Orders concerning electric wiring.....	1	1	.....	.....	.....
Provide fire extinguisher.....	1	1	.....	.....	.....
Attach hose to standpipe.....	1	5	1	.....	.....
<i>All Other Orders.</i>	6	18	1	.....	.....
30.....	34	.....	27	6	.....	.....	9
<i>Millinery and Lace Goods.</i>	9	.....	.....	.....	4
<i>Children, Minors and Women.</i>	1	.....	.....	.....	1
Keep and post register of children.....	1	.....	.....	.....	1
Post child labor notice.....	2	3	.....	.....	1
Post female labor notice.....	4	1	.....	.....	1
Discharge boy under 15.....	1	.....	.....	.....	.....
Secure school certificate for girl 15 but under 18.....	1	.....	.....	.....	.....
<i>Cleanliness and Sanitary Conveniences.</i>	6	2	1	.....	3
Provide dressing room for females.....	1	1	.....	.....	1
Provide adjacent dressing room and water closet.....	1	.....	.....	.....	.....
Allow one hour for lunch for females where separate lunch room is not provided.....	1	1	.....	.....	.....
Provide lunch room where sex of employees is not stated.....	1	.....	.....	.....	.....
Provide additional water closet facilities.....	1	.....	.....	.....	1
<i>All Other Orders.</i>	13	9	1	.....	3

Tailoring and Dressmaking.....	65	69	34	32	1	1
<i>Children, Minors and Women.</i>						
Keep and post register of children.....			24	24		
Post child labor notice.....			4	4		
Post female labor notice.....			3	3		
Discharge girl under 18.....			3	3		
Secure school certificate for girl 16 but under 18.....			1	1		
Stop employment of girl 16 but under 18 more than 8 hours per day.....			4	4		
Stop employment of girl 16 but under 18 more than 48 hours per week.....			4	4		
Stop employment of girl 16 but under 18 more than 6 days per week.....			3	3		
Stop employment of female over 18 more than 54 hours per week.....			1	1		
<i>All Other Orders.</i>			10	8	1	1
<i>Woolen and Worsted Goods.</i>						
<i>Children, Minors and Women.</i>						
Post child labor notice.....	17	18	31	16		15
Secure school certificate for girl 16 but under 18.....			9	6		3
Stop employment of girl 16 but under 18 more than 8 hours per day.....			2	2		1
Stop employment of girl 16 but under 18 more than 48 hours per week.....			1	1		
Stop employment of girl 16 but under 18 more than 10 hours per day.....			1	1		
Stop employment that requires constant standing of girl 16 but under 18.....			1			1
Stop employment that requires constant standing of girl 18 but under 21.....			1			1
Stop employment of female over 18 more than 10 hours per day.....			1			
Stop employment of female over 18 more than 54 hours per week.....			1	1		
<i>Children, Minors and Women.</i>			1	1		
Clean or clear dressing room.....			1	1		3
Provide individual lockers for females.....			1	1		1
Provide dressing room for females.....			1	1		1
Rebuild or rebuild water closet.....			1			1
Orders concerning water closet, not otherwise classified.....			1			1
<i>Machinery and Processes.</i>			13	7		1
Provide rubber mat or wood platform at switch-board.....			1			1
Guard belt or pulley.....			1			
Guard cog gear or friction wheel.....			3			1
Guard shafting, exclusive of set-screws.....			3			1
Guard enemy wheel.....			3	1		1
Guard machinery, not otherwise classified.....			1	1		3
<i>All Other Orders.</i>			4			

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
TEXTILES, TOTAL—Concluded.								
<i>Children, Minors and Women.</i>								
Keep and post register of children.....	189	223	154	97	2	.....	11	44
Post child labor notice.....	33	25	.....	.....	.....	8
Post female labor notice.....	4	3	.....	.....	.....	1
Discharge boy under 15.....	6	3	.....	.....	.....	1
Discharge girl under 16.....	1	1	.....	.....	.....	2
Secure school certificate for girl 16 but under 18.....	1	1	.....	.....	.....	1
Stop employment of girl 16 but under 18 more than 8 hours per day.....	9	8	.....	.....	.....	1
Stop employment of girl 16 but under 18 more than 8 hours per week.....	5	5	.....	.....	.....	1
Stop employment of girl 16 but under 18 before 7 a. m. or after 6 p. m.....	4	4	.....	.....	.....	.....
Stop employment that requires constant standing of girl 16 but under 18.....	1	1	.....	.....	.....	.....
Stop employment that requires constant standing of girl 18 but under 21.....	1	.....	.....	.....	.....	1
<i>General Safety.</i>	1	.....	.....	.....	.....	1
Repair or renew floor.....	1	7	.....	.....	1	1
Repair or renew roof.....	1	1	.....	.....	.....	1
Provide, extend or repair hand-rail for stairway.....	1	1	.....	.....	1	1
Repair, retread or remove stairway.....	1	1	.....	.....	.....	.....
Repair stairway treads.....	1	1	.....	.....	.....	.....
<i>Cleanliness and Sanitary Conveniences.</i>	23	32	1	.....	6	23
Provide sanitary drinking fountain.....	1	.....	.....	.....	.....	1
Clean or clear dressing room.....	3	3	.....	.....	.....	.....
Provide dressing room.....	6	4	.....	.....	.....	.....
Clean hall or stairs.....	1	.....	.....	.....	.....	.....
Paint, plaster or whitewash hall or stairs.....	2	.....	.....	.....	1	.....
Allow one hour for lunch for females where separate lunch room is not provided.....
Provide additional water closet facilities.....	6	3	.....	.....	.....	3
Clean water closet.....	1	6	.....	.....	.....	1
Provide or use disinfectant for water closet.....	2	1	.....	.....	.....	1

TABLE 1—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
TOBACCO MANUFACTURES, TOTAL—Continued.								
Cigars and Cigarettes—Concluded.								
<i>Children, Minors and Women—Concluded.</i>								
Stop employment of girl 18 but under 21 more than 54 hours per week.			1					1
Stop employment of child under 16 at dangerous machinery, where health may be injured or morals depraved, or in the tobacco trades.			1	1				
Stop employment of female over 18 more than 54 hours per week.			1					
<i>General Safety.</i>			3					1
Provide, extend or repair hand-rail for stairway.			3					1
<i>Ventilation and Overcrowding.</i>			9					1
Provide ventilation system.			3	7			1	1
Provide means of ventilation where system is not used.			6	6				1
Provide ventilation for dressing room or water closet.			1	1				
<i>Cleanliness and Sanitary Conveniences.</i>			2	2				
Clean air-shaft, cellar or yard.			3	2				1
Provide sanitary drinking fountain.			40	30			9	21
Clean or clear dressing room.			1	1				1
Provide screen, door or proper partition for dressing room.			6	4				
Provide dressing room for females.			6	6				
Provide adjacent dressing room and water closet.			1	1				
Clean hall or stairs.			1					
Paint, plaster or whitewash hall or stairs.			1	1				
Allow one hour for lunch for females where separate lunch room is not provided.			1					
Clean lunch room.			2	2				
Provide or repair plumbing.			1	1				
Provide additional water closet facilities.			1	1				
Clean water closet.			1	1				
Provide or use disinfectant for water closet.			3	3				3
Provide lock and key for women's water closet.			1				1	1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of requirements not reported on.
	Establishments in-spected.	Inspections made.	Requirements issued.	Completed with.	Partially completed with.	Re-sciended.	Not completed with.	
MANUFACTURES, TOTAL—Continued.								
VEHICLES FOR LAND TRANSPORTATION, TOTAL—Continued.								
Automobiles, Including Bodies and Parts—Concluded.								
<i>Dusavevus Mchinery and Processes—Concluded.</i>								
Prohibit removal of guard.....			5	1				4
Alter or repair automatic gates or floor doors for elevator hoist or conveyor.....			1	1				3
Protection from Fire.			1	5				1
Provide access to fire escape.....			1					1
Keep fire escape or passage leading to same free from obstruction.....			2	1				
Provide fire escape.....			2	2				
Provide fire extinguisher.....			2	2				
Orders concerning protection from fire, not otherwise classified.....			1					1
All Other Orders.....			1					1
Carrriages and Wagons and Materials.								
<i>General Safety.</i>	135	148	147	76	1		11	60
Abandon building permanently.....			17	10			1	6
Repair or renew floor.....			3	1				2
Cover floor opening.....			4	3				1
Provide, extend or repair guard-rail for platform or opening.....			1	3			1	
Provide, extend or repair hand-rail for stairway.....								
<i>Sanitation and Sanitary Conveniences.</i>			7	1				1
Provide sanitary drinking fountain.....			1	4				1
Provide lunch room for females and allow 30 minutes for lunch.....			1					
Clean water closet.....			1	1				
Provide screen, door or proper partition for water closet.....			1	1				
Provide separate water closet for each sex.....			1	1				
Clean workroom.....			1	1				
Paint, paper or whitewash workroom.....			1					1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of requirements not reported on.
	Estab- lishments in- spected.	Inspec- tions made.	Require- ments issued.	Complied with.	Partially complied with.	Re- sclued.	Not complied with.	
MANUFACTURES, TOTAL—Continued.								
VEHICLES FOR LAND TRANSPORTATION, TOTAL								
—Concluded.								
Vehicles for Land Transportation, Not Otherwise Class- ified—Concluded.								
<i>Dangrous Machinery and Processes—Concluded.</i>								
Guard belt and pulley.....			9	1				8
Guard cog, gear or friction wheel.....			11	4				7
Guard shafting, exclusive of set-screws.....			2					2
Guard emery wheel.....			4					4
Guard planer, shaper, slotter, facer or jointer.....			2					2
Guard polishing or buffing machinery, exclusive of emery wheel.....			1					1
Guard power hammer, steam or electric riveter or allied machinery.....			1					1
Guard saw.....			1					1
Guard stamping, shearing or punching machine.....			2	1				1
Guard machinery, not otherwise classified.....			1					1
Guard fly or drive-wheel.....			1	1				1
Guard set-screw, bolt, nut or key.....			1	4				3
Keep guard in good order.....			1					1
Prohibit removal of guard.....			1					1
Prohibit obstruction of aisles, spaces, entrances or exits.....			1	1				1
Provide fire extinguisher.....			1					1
Recharge fire extinguisher.....			1					1
Orders concerning protection from fire, not other- wise classified.....			1	1				1
<i>All Other Orders</i>			4					3
MANUFACTURES, NOT OTHERWISE CLASSIFIED,								
TOTAL	617	757	804	463	2	1	53	287
Agricultural Implements.....	45	60	58	41			8	14
General Safety.....			5	1				4
Repair or renew floor.....			1					1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of requirements not reported on.
	Establishments inspected.	Inspections made.	Requirements issued.	Complied with.	Partially complied with.	Re-scheduled.	
MANUFACTURES, TOTAL—Continued. MANUFACTURES, NOT OTHERWISE CLASSIFIED, TOTAL—Continued.	68	83	122	70	.....	1	51
Electrical Machinery, Apparatus and Supplies.....	6	2	.....	.....	4
Children, Minors and Women.....	1	.....	.....	.....	1
Keep and post register of children.....	1	1	.....	.....	.....
Post child labor notice.....	2	1	.....	.....	1
Post female labor notice.....	1	.....	.....	.....	1
Secure school certificate for girl 16 but under 18....
Stop employment of girl 16 but under 18 more than 8 hours per day.....	1	.....	.....	.....	1
General Safety.....	6	3	.....	.....	3
Repair or renew floor.....	1	.....	.....	.....	1
Make general structural repairs on building.....	1	1	.....	.....	.....
Orders concerning minor repairs, not otherwise classified.....	1	.....	.....	.....	1
Provide, extend or repair hand-rail for stairway....	2	1	.....	.....	1
Repair stairway treads.....	1	.....	.....	.....	.....
Repair stairway treads.....	1	1	.....	.....	.....
Provide sanitary urinaling fountain.....	17	7	.....	.....	10
Clean or clear dressing room.....	2	2	.....	.....	.....
Provide dressing room for females.....	1	1	.....	.....	.....
Provide dressing room where sex of employee is not stated.....	2	.....	.....	.....	2
Allow one hour for lunch for females where sepa- rate lunch room is not provided.....	1	.....	.....	.....	1
Clean lunch room.....	2	1	.....	.....	1
Clean water closet.....	8	2	.....	.....	.....
Provide screen, door or proper partition for water closet.....	1	.....	.....	.....	1
Discontinue use of basement closet unless females are regularly employed in basement.....	1	.....	.....	.....	1
Orders concerning water closet, not otherwise classi- fied.....	1	.....	.....	.....	1
Clean workroom.....	1	.....	.....	.....	1
Remove refuse from workroom.....	1	.....	.....	.....	1

<i>Dangerous Machinery and Processes.</i>									
Provide blower system or exhaust fan for removal of dust or gases.	78	50	1	27					
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.	5	4		1					
Provide rubber mat or wood platform at switch-board	1	1							
Guard air compressor.	2	2							
Guard engine, exclusive of fly-wheel.	1	1							
Guard motor, dynamo, exciter or transformer.	1	1							
Guard belt and pulley.	2	2							
Guard cog, gear or friction wheel.	1	1							
Guard cog, gear or friction wheel.	1	1							
Guard shafting, exclusive of set-screws.	14	10							
Guard emery wheel.	6	3							
Guard planer, shaper, slotter, facer or jointer.	2	2							
Guard saw.	4	4							
Guard stamping, shearing or punching machine.	4	4							
Keep machinery in good order.	1								
Guard machinery, not otherwise classified.	1								
Guard fly or drive-wheel.	1								
Guard set-screw, bolt, nut or key.	5	3							
Prohibit removal of guard.	5	4							
Provide automatic gates or floor doors for elevator, hoist or conveyor.	1	1							
Alter or repair automatic gates or floor doors for elevator, hoist or conveyor.	2								
Guard unused sides of elevator shaft or hoistway opening.	2								
Guard elevator ledges.	1	1							
Prohibit obstruction of aisles, spaces, entrances or exits.	3	5							
Paint fire escape.	7								
Provide fire escape.	1	1							
Provide fire extinguisher.	2	1							
Remove rubbish or combustibles.	1	1							
Orders concerning protection from fire, not otherwise classified.	1	1							
<i>All Other Orders.</i>	1	1							
<i>Ice, Manufactured.</i>	8	3							
<i>General Safety.</i>	30	32	5						
Cover floor opening.	5	3							
Provide, extend or repair hand-rail for stairway.	1	1							
<i>Dangerous Machinery and Processes.</i>	4	2							
Provide rubber mat or wood platform at switch-board.	23	9	4						
Guard engine, exclusive of fly-wheel.	1	1							
Guard motor, dynamo, exciter or transformer.	4	1							
Guard belt and pulley.	1	1							
Guard cog, gear or friction wheel.	3	2							
Guard shafting, exclusive of set-screws.	2	1							
Guard pump.	1	1							
Guard machinery, not otherwise classified.	1	1							

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scaled.	
MANUFACTURES, TOTAL—Continued.							
MANUFACTURES, NOT OTHERWISE CLASSIFIED, TOTAL—Continued.							
<i>Ice, Manufactured—Concluded.</i>							
<i>Dangerous Machinery and Processes—Concluded.</i>							
Guard fly or drive-wheel.....			8 2	1			2 1
Guard set-screw, bolt, nut or key.....			1 2		1		2
Alter or repair automatic gates or floor doors for elevator, hoist or conveyor.....			1 2				
Repair elevator, hoist or conveyor.....			28	24			1 2 2
Orders concerning elevator, hoist or conveyor, not otherwise classified.....			7	1			3
<i>All Other Orders.</i>							
<i>Mattresses and Spring Beds.</i>	35	47	1 1	1			1
<i>Chandeliers and Sanitary Conveniences.</i>			1 1	1			1
Clean air shaft, cellar or yard.....			1 1				1
Provide sanitary drinking fountain.....			1 1				1
Provide dressing room for females.....			1 1				1
Clean hall or stairs.....			1 1				1
Clean washroom.....			1 1				1
Clean water closet.....			1 1				1
Clean workroom.....			28	20			8
<i>Dangerous Machinery and Processes.</i>							
Provide blower system or exhaust fan for removal of dust or gases.....			2				2
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.....			1	1			
Provide rubber mat or wood platform at switch-board.....			2				
Guard belt and pulley.....			2 6	2			1 1
Guard cog, gear or friction wheel.....			3 8	4			1 1
Guard shafting, exclusive of set-screws.....			4 6	1			1 1
Guard sprocket and chain belt.....			1 1				1 1
Guard fly or drive-wheel.....			1 2	1			1
Prohibit removal of guard.....			1				1
Provide automatic gates or floor doors for elevator, hoist or conveyor.....			1				1

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-schedd.	
MANUFACTURES, TOTAL—Continued.							
MANUFACTURES, NOT OTHERWISE CLASSIFIED—Continued.							
Rubber Goods—Concluded.							
<i>Cleanliness and Sanitary Conveniences.</i>			13	6			5
Provide dressing room for females.....			2	1			1
Clean hall or stairs.....			1				
Allow one hour for lunch for females where sepa-rate lunch room is not provided.....			1	1			
Provide additional water closet facilities.....			1				
Clean water closet.....			1	1			
Provide or use disinfectant for water closet.....			1	1			
Provide screen, door or proper partition for water closet.....			6	2			
Discontinue use of basement closet, unless females are regularly employed in basement.....			1				
<i>Dangerous Machinery and Processes.</i>			74	51			3
Provide blower system or exhaust fan for removal of dust or gases.....			1				1
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.....			1	1			21
Provide rubber mat or wood platform at switch-board.....			1	1			
Guard air compressor.....			3	2			
Guard belt and pulley.....			1	1			
Guard cog, gear or friction wheel.....			9	6			
Guard shafting, exclusive of set-screws.....			18	11			3
Guard sprocket and chain belt.....			6	6			3
Guard paper cutter, trimmer or slitter.....			3	1			
Guard emery wheel.....			1	1			
Guard planer, shaper, slotter, facer or jointer.....			1	1			
Guard roll or calender.....			1	1			
Guard saw.....			4	3			1
Guard machinery, not otherwise classified.....			3	3			
Guard fly or drive-wheel.....			1	1			
Provide railed oiling or working platform.....			3	1			
Guard set-screw, bolt, nut or key.....			1	5			3

TABLE I—Continued.
MANUFACTURES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Requre-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
MANUFACTURES, TOTAL—Continued. MANUFACTURES, NOT OTHERWISE CLASSIFIED, TOTAL—Continued.								
Signs and Advertising Novelties—Concluded. <i>Dangerous Machinery and Processes—Concluded.</i> Provide screen at top of elevator, hoist or conveyor. Orders concerning elevator, hoist or conveyor, not otherwise classified	236	276	1	154	2			1
<i>All Other Orders.</i>			8	3				1
Miscellaneous Industries, Not Otherwise Classified.			282	26				1
<i>Children, Minors and Women.</i>			34	8				5
Keep and post register of children.			3	4				99
Post child labor notice.			5	4				8
Post female labor notice.			6	4				1
Discharge boy under 15.			1	1				2
Secure school certificate for boy 15 but under 16.			1					1
Stop employment of boy 16 but under 18 more than 54 hours per week.			1	1				
Discharge girl under 16.			1	4				1
Secure school certificate for girl 16 but under 18.			5					1
Stop employment of girl 16 but under 18 more than 8 hours per day.			3	2				1
Stop employment of girl 16 but under 18 more than 48 hours per week.			2	1				1
Stop employment that requires constant standing of girl 16 but under 18.			2	2				
Stop employment of girl 18 but under 21 more than 54 hours per week.			1	1				
Stop employment that requires constant standing of girl 18 but under 21.			2	2				
Stop employment of female over 18 more than 54 hours per week.			1	1				
<i>General Safety.</i>			17	8				9
Repair or renew floor.			2	1				1
Make general structural repairs on building.			1	1				
Provide, extend or repair guard-rail for platform or opening			6	1				5

TABLE I—Continued.
MANUFACTURES—Concluded.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-pected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-schd-ed.	
MANUFACTURES, TOTAL—Concluded.							
MANUFACTURES, NOT OTHERWISE CLASSIFIED, TOTAL—Concluded.							
Miscellaneous Industries, Not Otherwise Classified—Concluded.							
<i>Dangerous Machinery and Processes—Concluded.</i>							
Guard extractor			2	1			1
Guard mill or mixer			2	4			1
Guard planer, shaper, slotter, facer or jointer			2	1			1
Guard power press			1	1			
Guard pump			1				
Guard roll or calender			1				
Guard saw			4	2			
Guard stamping, shearing or punching machine			9	4			
Guard machinery, not otherwise classified			3	3	1		
Guard fly or drive-wheel			3	4			
Guard set-screw, bolt, nut or key			13	9			
Keep guard in good order			1				
Prohibit removal of guard			3	1			
Provide automatic gates or floor doors for elevator, hoist or conveyor				1			
Alter or repair automatic gates or floor doors for elevator, hoist or conveyor			3	1			
Guard unused sides of elevator shaft or hoistway opening			3	3			
Guard unused sides of elevator car			2	1			
Guard elevator ledges			1	1			
Provide warning apparatus for descent of elevator			3	2			
Orders concerning elevator, hoist or conveyor, not otherwise classified			1				
<i>Protection From Fire.</i>			2	1			
Prohibit obstruction of aisles, spaces, entrances or exits			21	9			
Swing exit door outward			1				
Provide fire ladder or suspended stairway			1	1			
Keep fire escape or passage leading to same free from obstruction			1	1			
Paint fire escape			3	2			
Provide fire escape			3				

TABLE I—Continued.
HOSPITALS, INFIRMARIES AND HOMES—Concluded.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
HOSPITALS, INFIRMARIES AND HOMES, TOTAL—Concluded.								
<i>Cleanliness and Sanitary Conveniences—Concluded.</i>								
Clean water closet.....	1	.....	.....	.....	.....	1
Repair or rebuild water closet.....	2	.....	.....	.....	.....	1
Provide screen, door or proper partition for water closet.....	2	.....	.....	.....	.....	3
Provide separate water closet for each sex.....	1	.....	.....	.....	.....	1
Paint, paper, whitewash workroom.....	1	.....	.....	.....	.....	1
Plaster or bell walls of workroom.....	1	.....	.....	.....	.....	1
Repair plaster of workroom.....	3	.....	.....	.....	.....	4
<i>Dangerous Machinery and Processes.</i>								
Provide blower system or exhaust fan for removal of dust or gases.....	35	.....	.....	.....	.....	27
Guard engine, exclusive of fly-wheel.....	1	.....	.....	.....	.....	1
Guard motor, dynamo, exciter or transformer.....	1	.....	.....	.....	.....	1
Guard belt and pulley.....	1	.....	.....	.....	.....	1
Provide belt shifter or loose pulley.....	1	.....	.....	.....	.....	1
Guard cog, gear or friction wheel.....	1	.....	.....	.....	.....	1
Guard shafting, exclusive of set-screws.....	10	.....	.....	.....	.....	1
Guard extractor.....	1	.....	.....	.....	.....	1
Guard mill or mixer.....	1	.....	.....	.....	.....	1
Guard planer, shaper, slotter, facer or jointer.....	1	.....	.....	.....	.....	1
Guard saw.....	1	.....	.....	.....	.....	1
Guard machinery, not otherwise classified.....	1	.....	.....	.....	.....	1
Guard fly or drive-wheel.....	1	.....	.....	.....	.....	1
Guard set-screw, bolt, nut or key.....	2	.....	.....	.....	.....	2
Provide automatic gates or floor doors for elevator, hoist or conveyor.....	6	.....	.....	.....	.....	4
Guard, unused sides of elevator shaft or hoistway opening.....	1	.....	.....	.....	.....	1
Repair elevator, hoist or conveyor.....	1	.....	.....	.....	.....	1
<i>Protection From Fire.</i>								
Cover heating pipes, furnaces or fuel rooms.....	104	.....	.....	.....	.....	1
Prohibit obstruction of aisles, stairs, entrances or exits.....	10	.....	.....	.....	.....	5
				1

[illegible]

PLACES OF PUBLIC ASSEMBLY.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of requirements not reported on.	
	Establishments inspected.	Inspections made.	Requirements issued.	Complied with.	Partially complied with.	Re-scolided.		Not complied with.
PLACES OF PUBLIC ASSEMBLY, TOTAL.....	3,819	3,974	8,208	2,194	25	126	845	5,023
AMUSEMENT PARKS, TOTAL.....	66	6	106	18		1	10	74
Children, Minors and Women.....			81	11			8	63
Post child labor notice.....			3	1				2
Post female labor notice.....			3	1				2
Discharge boy under 15.....			7	1				2
Secure school certificate for boy 15 but under 16.....			1	1				6

TABLE I—Continued.
PLACES OF PUBLIC ASSEMBLY—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-sciuded.		Not complied with.
PLACES OF PUBLIC ASSEMBLY, TOTAL—Continued.							
AMUSEMENT PARKS, TOTAL—Concluded.							
<i>Children, Minors and Women—Concluded.</i>							
Stop employment of boy 15 but under 16 more than 8 hours per day.....			2				2
Stop employment of boy 15 but under 16 more than 48 hours per week.....			2				2
Stop employment of boy 15 but under 16 before 7 a. m. or after 6 p. m.....			6	3			3
Stop employment of boy 15 but under 16 more than 6 days per week.....			3				3
Stop employment of boy 16 but under 18 more than 10 hours per day.....			5				4
Stop employment of boy 16 but under 18 more than 48 hours per week.....			10				8
Stop employment of boy 16 but under 18 before 6 a. m. or after 10 p. m.....			10				8
Stop employment of boy 16 but under 18 more than 6 days per week.....			9				7
Discharge girl under 16.....			1				1
Secure school certificate for girl 16 but under 18.....			1				1
Stop employment of girl 16 but under 18 more than 8 hours per day.....			1				1
Stop employment of girl 16 but under 18 more than 48 hours per week.....			1				1
Stop employment of girl 16 but under 18 before 7 a. m. or after 6 p. m.....			1				1
Stop employment of child under 16 at dangerous machinery, when health may be injured or morals depraved, or in the tobacco trades.....			9	2			6
Stop employment of female over 18 more than 10 hours per day.....			3	1			2
Stop employment of female over 18 more than 64 hours per week.....			3	1			2
<i>Protection From Fire.</i>							
Provide panic-proof hardware.....			9	1			4
Swing exit door outward.....			1	1		1	2
Provide new ground floor exit.....			3	1			2

TABLE I—Continued.
PLACES OF PUBLIC ASSEMBLY—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-cluded.	Not complied with.	
PLACES OF PUBLIC ASSEMBLY, TOTAL—Continued.								
<i>CHURCHES, TOTAL—Concluded.</i>								
<i>Protection From Fire—Concluded.</i>								
Remove hose from gas stove.....			9	6				3
Orders concerning protection from fire, not other- wise classified.....			9	0	1		1	1
<i>All Other Orders</i>			5					3
HALLS, TOTAL	685	713	877	386		37	103	948
<i>General Safety</i>			130	64		3	9	54
Abandon building permanently.....			6	2				4
Abandon building till required changes are com- pleted.....								
Abandon part of building permanently.....			1					1
Repair or change chimney, flue or stack.....			2	1				1
Make general structural repairs on building.....			1					
Provide, extend or repair guard-rail for platform or opening.....			5	3				2
Repair or renew roof.....			2					3
Provide railed platform and steps at ground floor exit.....			1	1				
Orders concerning minor repairs, not otherwise classified.....			1				1	
Provide, extend or repair hand-rail for stairway.....			15	7				8
Remove obstacle from stairway.....			81	43		3		27
Repair, rearrange or remove stairway.....			2	1				1
Repair stairway treads.....			7	1				3
Orders concerning general safety, not otherwise classified.....			3	4				2
<i>Ventilation and Overcrowding</i>			27	3				2
Restrict use of part of building to specific purpose. Provide ventilation system.....			1	2				4
Alter or repair ventilation system.....			2					
Provide ventilation for dressing room or water closet.....			1					1
Heating.....			2	1				1
Provide heating system.....			1					1

[illegible]

TABLE I—Continued.
PLACES OF PUBLIC ASSEMBLY—Continued.

Type of inspection and requirements of orders issued.	Number of		Require-ments issued.	Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.		Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
PLACES OF PUBLIC ASSEMBLY, TOTAL—Continued.								
HALLS, TOTAL—Concluded.								
<i>Protection From Fire—Concluded.</i>								
Keep fire escape or passage leading to same free from obstruction.....			13	10			2	1
Paint fire escape.....			25	16			4	6
Provide fire escape.....			68	19		4	14	31
Orders concerning fire escape, not otherwise classi-fied.....			16	9			2	5
Orders concerning electric wiring.....			12	2				9
Provide fire extinguisher.....			111	51		1	9	47
Recharge fire extinguisher.....			29	14		4	1	14
Provide fire gong.....			1	1				
Provide life line.....			1					
Remove rubbish or combustibles.....			13	7				1
Remove hose from gas stove.....			8	4			1	3
Sell no more tickets than seating capacity.....			2					1
Install sprinkler system.....			1					1
Install standpipe and hose.....			2					1
Attach hose to standpipe.....			1	1		1		
Orders concerning protection from fire, not other-wise classified.....			8	2				2
<i>All Other Orders.</i>			10	3		1	2	4
SCHOOLS, TOTAL	1,852	1,871	5,687	1,118	15	64	579	3,911
<i>General Safety</i>			1,218	236	4	6	117	856
Abandon building permanently.....			11	11	1	2	5	48
Abandon building till required changes are com-pleted.....			2					
Abandon part of building permanently.....			8	1				1
Abandon part of building till required changes are completed.....			8	2				6
Provide new chimney, flue, or stack.....			1					1
Repair or replace chimney, flue or stack.....			39	7				11
Repair or replace flue.....			176	33		1	13	27
Cover floor opening.....			2					134
Make general structural repairs on building.....			116	18		1	11	85

Provide, extend or repair guard-rail for platform or opening.....	13			3			1	8
Repair or renew roof.....	86			20			4	62
Provide railed platform and steps at ground floor exit.....	153			26			20	112
Orders concerning minor repairs, not otherwise classified.....	306			59			33	214
Provide additional inside stairway.....	119			22	3		16	76
Provide, extend or repair hand-rail for stairway.....	8			5			2	6
Repair, rearrange or remove stairway.....	15			2			2	8
Repair stairway treads.....	90			20			6	64
Orders concerning safety of surroundings, not otherwise classified.....	3							3
Orders concerning general safety, not otherwise classified.....	73			19			4	41
<i>Lighting</i>	68			14			4	41
Provide light for workroom.....	6			6				
Orders concerning lighting, not otherwise classified.....	123			20			14	83
<i>Furnishings</i>	23			6			1	
Provide standard seats.....	10						1	1
Repair seats.....	74			8			10	2
Rearrange seats.....	18			6			2	56
Remove seats.....	402			46			63	233
<i>Ventilation and Overcrowding</i>	12			5			3	4
Provide sufficient air space by limiting attendance.....	7						2	4
Provide sufficient air space by enlarging building.....	355			36			56	233
Restrict use of part of building to specific purpose.....	11			2				9
Provide ventilation system.....	1							1
Alter or repair ventilation system.....	9						1	8
Provide means of ventilation where system is not used.....	2							1
Alter or repair means of ventilation, where system is not used.....	453			1			63	326
Provide ventilation for dressing room or water closet.....	353			39			55	250
<i>Heating</i>	48			7			1	39
Provide heating system.....	57			13			7	37
Alter or repair heating system.....	1,765			400	3		17	1,176
Alter or repair means of heating where system is not used.....	4			1				3
<i>Cleanliness and Sanitary Conveniences</i>	50			13			2	35
Clean air-shaft, cellar or yard.....	175			27			17	130
Provide sanitary drinking fountain.....	13			5			2	6
Provide individual drinking cups.....	10			2				8
Provide or repair pump.....	130			19			11	100
Provide well.....	1						1	
Orders concerning drinking water, not otherwise classified.....	13			4			1	8
Clean hall or stairs.....	2							2
Paint plaster or whitewash hall or stairs.....	40			10			1	29
Orders concerning hall or stairs, not otherwise classified.....								
Provide or repair drainage or spouting.....								

TABLE I—Continued.
PLACES OF PUBLIC ASSEMBLY—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scheduled.	
PLACES OF PUBLIC ASSEMBLY, TOTAL—Continued.							
SCHOOLS, TOTAL—Continued.							
<i>Cleanliness and Sanitary Conveniences—Concluded.</i>							
Provide or repair plumbing.....			3				3
Orders concerning sanitation of surroundings, not otherwise classified.....			9	4			5
Paint or whitewash washroom.....			1	1			
Provide additional water closet facilities.....			150	40			110
Clean water closet.....			135	46		1	78
Provide or use disinfectant for water closet.....			14	6			8
Remove obscene writing from walls of water closet.....			1				1
Paint, paper or whitewash water closet.....			1				1
Repair or rebuild water closet.....			401	82	3	10	273
Provide screen, door or proper partition for water closet.....			238	62			176
Provide separate water closet for each sex.....			18	1			17
Place sign designating water closet.....			5	2			3
Discontinue use of outside closet and provide equivalent inside facilities.....			9			2	7
Provide water closet.....			10	2			7
Orders concerning water closet, not otherwise classified.....			1				1
Clean workroom.....			23	7			16
Paint, paper or whitewash workroom.....			155	37			118
Plaster or cell walls of workroom.....			4	2			2
Repair plaster of workroom.....			108	28		1	70
Orders concerning workroom, not otherwise classified.....			1				1
<i>Dangerous Machinery and Processes—Concluded.</i>			61	10			36
Provide blower system or exhaust fan for removal of dust or gases.....			3				3
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.....			1				1
Provide goggles.....			3	2			1
Provide rubber mat or wood platform at switch-board.....			2	1			1

[illegible]

TABLE I—Continued.
PLACES OF PUBLIC ASSEMBLY—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-solnd.		Not complied with.
PLACES OF PUBLIC ASSEMBLY, TOTAL—Continued.							
SCHOOLS, TOTAL—Continued.							
<i>Cleanliness and Sanitary Conveniences—Concluded.</i>							
Provide or repair plumbing.....			8				3
Orders concerning sanitation of surroundings, not otherwise classified.....			9	4			5
Paint or whitewash washroom.....			150	1			88
Provide additional water closet facilities.....			135	40		1	76
Clean water closet.....			14	45			6
Provide or use disinfectant for water closet.....			1	6			1
Remove obscene writing from walls of water closet.....			1				1
Paint, paper or whitewash water closet.....			401				273
Repair or rebuild water closet.....				32	3	10	35
Provide screen, door or proper partition for water closet.....			238	62			30
Provide separate water closet for each sex.....			13	1			3
Place sign designating water closet.....			5	2			
Discontinue use of outside closet and provide equivalent inside facilities.....			9				
Provide water closet.....			10	2		2	7
Orders concerning water closet, not otherwise classified.....			1				1
Clean workroom.....			23	7			11
Paint, paper or whitewash workroom.....			155	37			111
Plaster or cell walls of workroom.....			4	2			1
Repair plaster of workroom.....			108	28		1	70
Orders concerning workroom, not otherwise classified.....			1				1
<i>Dangerous Machinery and Processes.</i>			51	19			35
Provide blower system or exhaust fan for removal of dust or gases.....			8				
Alter, repair or connect blower system or exhaust fan for removal of dust or gases.....			1				1
Provide goggles.....			3	2			1
Provide rubber mat or wood platform at switch-board.....			2	1			1

TABLE I—Continued.
PLACES OF PUBLIC ASSEMBLY—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with..	Re-scinded.		Not complied with.
PLACES OF PUBLIC ASSEMBLY, TOTAL—Continued.							
SCHOOLS, TOTAL—Continued.							
<i>Protection From Fire—Continued.</i>							
Install standpipe and hose.....			9	5			1
Attach hose to standpipe.....			21	6			2
Orders concerning protection from fire, not other-wise classified.....			71	18	1		6
<i>Orders, Miscellaneous.</i>			101	18	1	1	7
THEATERS, TOTAL							
<i>Children, Minors and Women.</i>							
Post female labor notice.....	557	653	1,045	471	5	20	76
Discharge boy under 16.....			23	8		1	
Secure school certificate for boy 15 but under 16.....			2	1			
Stop employment of boy 15 but under 16 before 7 a. m. or after 6 p. m.....			1				
Stop employment of boy 16 but under 18 more than 10 hours per day.....			4	1			
Stop employment of boy 16 but under 18 more than 14 hours per day.....			2				
Stop employment of boy 16 but under 18 more than 16 hours per week.....			2				
Stop employment of boy 16 but under 18 before 6 a. m. or after 10 p. m.....			4	1		1	
Stop employment of boy 16 but under 18 more than 8 days per week.....			1				
Stop employment of child under 16 at dangerous ma-chinery, where health may be injured or morals depraved, or in the tobacco trades.....			2	1			
Stop employment of child under 18 at an extremely dangerous occupation.....			2	1			
Stop employment of female over 18 more than 10 hours per day.....			1	1			
Stop employment of female over 18 more than 54 hours per week.....			1				
<i>General Safety.</i>			95	39		3	6
Abandon building permanently.....			8	3			
Abandon building till required changes are com-pleted.....			4	2			

Abandon part of building permanently.....	10	3	.....	.....	.....	7
Repair or renew floor.....	5	2	.....	.....	.....	3
Make general structural repairs on building.....	8	2	.....	1	.....	5
Provide, extend or repair guard-rail for platform or opening.....	7	4	.....	.....	.....	3
Provide railed platform and steps at ground floor exit.....	4	1	.....	.....	1	2
Orders concerning minor repairs, not otherwise classified.....	10	6	.....	.....	.....	4
Provide, extend or repair hand-rail for stairway.....	30	10	.....	1	.....	16
Repair, rearrange or remove stairway.....	4	1	.....	1	.....	1
Orders concerning safety of surroundings, not otherwise classified.....	2	2	.....	.....	.....	.....
Orders concerning general safety, not otherwise classified.....	3	3	.....	.....	.....	.....
<i>Furnishings</i>	31	17	.....	.....	3	11
Provide standard seats.....	5	3	.....	.....	.....	2
Repair seats.....	1	.....	.....	.....	.....	1
Rearrange seats.....	14	9	.....	.....	2	3
Remove seats.....	11	5	.....	1	.....	5
<i>Ventilation and Overcrowding</i>	22	4	.....	.....	2	15
Provide sufficient air space by limiting attendance.....	1	1	.....	.....	.....	.....
Provide sufficient air space by enlarging building.....	1	1	.....	.....	.....	1
Restrict use of part of building to specific purpose.....	1	1	.....	.....	.....	.....
Provide ventilation system.....	11	1	.....	1	.....	5
Alter or repair ventilation system.....	6	1	.....	.....	2	5
Provide ventilation for dressing room or water closet.....	2	.....	.....	.....	.....	2
<i>Heating</i>	19	3	.....	.....	2	13
Provide heating system.....	8	.....	1	.....	2	6
Alter or repair heating system.....	9	3	.....	.....	.....	6
Provide means of heating where system is not used.....	1	.....	.....	.....	.....	1
Alter or repair means of heating where system is not used.....	1	.....	.....	.....	.....	1
<i>Cleanliness and Sanitary Conveniences</i>	31	16	.....	1	.....	14
Clean air shaft, cellar or yard.....	5	3	.....	.....	.....	2
Provide sanitary drinking fountain.....	3	1	.....	.....	.....	2
Orders concerning drinking water, not otherwise classified.....	1	.....	.....	.....	.....	1
Clean or clear dressing room.....	2	2	.....	.....	.....	.....
Provide additional water closet facilities.....	2	2	.....	.....	.....	2
Clean water closet.....	2	1	.....	.....	.....	.....
Provide or use disinfectant for water closet.....	1	1	.....	.....	.....	.....
Repair or rebuild water closet.....	3	.....	.....	1	.....	2
Provide screen, door or proper partition for water closet.....	1	1	.....	.....	.....	.....
Provide separate water closet for each sex.....	2	2	.....	.....	.....	1
Provide sign designating water closet.....	2	1	.....	.....	.....	.....
Provide water closet.....	4	1	.....	.....	.....	1
Clean workroom.....	4	1	.....	.....	.....	3
Repair plaster of workroom.....	1	1	.....	.....	.....	.....

TABLE I—Continued.
PLACES OF PUBLIC ASSEMBLY—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scheduled.	Not complied with.	
PLACES OF PUBLIC ASSEMBLY, TOTAL—Continued.								
THEATERS, TOTAL—Continued.								
<i>Dangerous Machinery and Processes</i>								
Provide blower system or exhaust fan for removal of dust or gases.....			15	8				7
Provide rubber mat or wood platform at switch-board.....			3	3				4
Guard motor, dynamo, exciter or transformer.....			7	3				1
Guard belt and pulley.....			1					1
Guard fly or drive-wheel.....			1					
Provide automatic gates or floor doors for elevator, hoist or conveyor.....			1	1				
<i>Protection From Fire</i>			2	1				1
Change aisles.....			790	372	2	16	61	339
Cover heating pipes, furnace or fuel room.....			23	13			4	6
Prohibit obstruction of aisles, spaces, entrances or exits.....			14	1			3	10
Resist class of entertainment allowed.....			39	25		1	2	11
Provide standard fire door.....			6	4			1	1
Keep doors and windows unlocked during working hours.....			29	5			2	22
Close door, window or other wall opening.....			2			1		1
Provide panic-proof hardware.....			4	1				3
Swing exit doors outward.....			113	52		4	8	49
Alter or repair door or window.....			17	7			2	8
Provide standard fireproof window.....			4	3		1		
Provide gradient.....			7	1				2
Provide new ground floor exit.....			10	6			2	2
Provide new exit from upper floor, gallery or balcony.....							1	3
Fireproof stairway.....			7	3				4
Widen exit.....			2					2
Place sign or light over exit.....			1					1
Provide means to fire escape.....			66	27		1	5	33
Provide means to fire escape.....			12	1			3	7
Fasten chairs together or to floor.....			33	15			4	14

[illegible]

TABLE I—Continued.
PLACES OF PUBLIC ASSEMBLY—Concluded.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
PLACES OF PUBLIC ASSEMBLY, TOTAL—Concluded.								
<i>Places of Public Assembly, Not Otherwise Classified—Concluded.</i>								
<i>General Safety—Concluded.</i>								
Provide, extend or repair hand-rail for stairway.			5	3				2
Repair stairway treads.			2				1	1
<i>Cleanliness and Sanitary Conveniences.</i>			11	9				
Provide sanitary drinking fountain.			1	1				
Provide additional water closet facilities.			1				1	
Clean water closet.			1	1				
Provide lock and key for women's water closet.			1					
Repair or rebuild water closet.			1	1				
Place sign designating water closet.			2	2				
Provide water closet.			4	3				1
<i>Dangerous Machinery and Processes.</i>			6	4				2
Guard roll or calender.			1	1				
Guard fly or drive-wheel.			1	1				
Guard set-screw, bolt, nut or key.			1	1				
Provide automatic gates or floor doors for elevator, hoist or conveyor.			1	1				
Orders concerning elevator, hoist or conveyor, not otherwise classified.			1					
<i>Protection From Fire.</i>			34	17	1		2	14
Cover heating pipes, furnace or fuel room.			1				1	
Remove rubbish or combustibles.			2	1				
Provide standard panic-proof hardware.			2	1				
Swing exit door outward.			5	4				1
Alter or repair door or window.			6	3				3
Provide new ground floor exit.			1	1				
Fireproof stairway.			1					1
Place sign or light over exit.			4	3			1	
Provide fire escape.			1					1
Orders concerning fire escape, not otherwise classi-fied.			1					
Orders concerning electric wiring.			2	1				1
Provide fire extinguisher.			4		1			3

Remove rubbish or combustibles..... 1
 Orders concerning protection from fire, not other-
 wise classified 1
All Other Orders..... 2

SERVICE.

SERVICE TOTAL	1,183	1,376	1,503	738	7	25	96	637
<i>OARAGES, TOTAL</i>	202	208	97	58	1	12	7	32
<i>General Safety</i>			12	10	1	1	1	1
Abandon building permanently.....			2	2				
Make general structural repairs on building.....								
Provide, extend or repair guard-rail for platform or opening.....								
Repair or renew roof.....			3	3				
Provide, extend or repair hand-rail for stairway.....			1	1				
<i>Cleanliness and Sanitary Conveniences</i>			4	4				
Provide or repair drainage or spouting.....			13	10			2	1
Repair or rebuild water closet.....			1	1			1	
Provide separate water closet for each sex.....			1					
Place sign designating water closet.....			1					
Discontinue use of basement closet unless females are regularly employed in basement.....			1	1				
Provide water closet.....			1	1				
Provide receptacle for waste in workroom.....			7	5			1	1
<i>Dangerous Machinery and Processes</i>			1	1				
Orders concerning dangerous processes, not otherwise classified.....			64	82			4	28
Guard air compressor.....			1	1				
Guard engine, exclusive of fly-wheel.....			2	2				
Guard belt and pulley.....			2	2				
Guard cog, gear or friction wheel.....			10	5			1	3
Guard shafting, exclusive of set-screws.....			10	4				4
Guard emery wheel.....			1	1				6
Guard planer, shaper, slotter, facer or jointer.....			6	5			1	
Guard saw.....			4				1	
Guard machinery, not otherwise classified.....			3				1	2
Guard fly or drive-wheel.....			3					1
Guard set-screw, bolt, nut or key.....			1					2
Provide automatic gates or floor doors for elevator hoist or conveyor.....			13	9				4
Guard unused slides of elevator car.....			4	1				8
Orders concerning elevator, hoist or conveyor, not otherwise classified.....			2	1				1
<i>Protection From Fire</i>			1					
Provide fire extinguisher.....			1					1
Remove rubbish or combustibles.....			7	5				2
Remove hose from gas stove.....			4	2				
Orders concerning protection from fire, not otherwise classified.....			1	1				
<i>All Other Orders</i>			1	1				

TABLE I—Continued.
SERVICE—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-scinded.	Not com-plied with.	
SERVICE, TOTAL—Continued.	192	202	256	123	1	3	37	92
HOTELS, TOTAL			24	15				9
<i>Children, Minors and Women</i>			1	1				1
Keep and post register of children			2	1				1
Post child labor notice			1	1				
Post female labor notice								
Stop employment of boy 15 but under 16 before 7 a. m. or after 6 p. m.			1	1				
Stop employment of boy 16 but under 18 before 6 a. m. or after 10 p. m.								
Discharge girl under 18			1	1				
Secure school certificate for girl 16 but under 18			1					1
Stop employment of girl 16 but under 18 more than 8 hours per day								
Stop employment of girl 16 but under 18 more than 48 hours per week			2	1				1
Stop employment of girl 16 but under 18 before 7 a. m. or after 6 p. m.			2	1				1
Stop employment of girl 16 but under 18 more than 6 days per week			3	2				1
Stop employment of girl 18 but under 21 more than 54 hours per week			2	1				1
Stop employment of girl 18 but under 21 before 6 a. m. or after 10 p. m.			2	1				1
Stop employment of girl 18 but under 21 more than 6 days per week			1					1
Stop employment of female over 18 more than 10 hours per day			2	1				1
Stop employment of female over 18 more than 54 hours per week			1	1				
<i>General Safety</i>								
Abandon part of building permanently			44	1				18
Abandon part of building till required changes are completed			1	20		1	5	
Repair or change chimney, flue or stack			1	1				1
Repair or renew floor			1					1
Make general structural repairs on building			4	2				2

TABLE I—Continued.
SERVICE—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-scinded.	Not com-plied with.	
SERVICE, TOTAL—Continued.								
HOTELS, TOTAL—Concluded.								
Protection From Fire—Concluded.								
Paint fire escape.....			6	1	1		2	3
Provide fire escape.....			14	3			6	3
Orders concerning fire escape, not otherwise class-ified.....							1	2
Orders concerning electric wiring.....			4	1				3
Provide fire extinguisher.....			2					2
Recharge fire extinguisher.....			17	11				6
Provide fire gong.....			6	3				3
Fireproof procenium or other wall.....			1					1
Provide life line.....			3	1				2
Remove rubbish or combustibles.....			4	1				3
Remove hose from gas stove.....			8	5				3
Attach hose to standpipe.....			1					1
Orders concerning protection from fire, not other-wise classified.....			6	3		1	1	2
All Other Orders.....			8	5			2	1
LAUNDRIES, TOTAL	418	573	555	273	5	9	23	245
Children, Minors and Women.....			74	46			2	28
Post child labor notice.....			2	2				
Post female labor notice.....			10	6				
Discharge boy under 15.....			3	1				
Secure school certificate for boy 15 but under 16.....			4	3				
Stop employment of boy 15 but under 16 more than 8 hours per day.....			1					
Stop employment of boy 15 but under 16 more than 48 hours per week.....			1					1
Discharge girl under 16.....			3	1				1
Secure school certificate for girl 16 but under 18.....			13	8			1	1
Stop employment of girl 16 but under 18 more than 8 hours per day.....			4	2				4
Stop employment of girl 16 but under 18 more than 48 hours per week.....			4	2				2
				2				2

TABLE I—Continued.
SERVICE—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.	
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scheduled.		Not com-pleted with.
SERVICE, TOTAL—Continued.								
LAUNDRIES, TOTAL—Continued.								
<i>Convenience and Sanitary Conveniences—Concluded.</i>								
Provide or repair plumbing.....			4	1			1	3
Provide additional water closet facilities.....			2	9				19
Clean water closet.....			28					2
Provide lock and key for women's water closet.....			3					4
Provide or use disinfectant for water closet.....			8	4				2
Paint, paper or whitewash water closet.....			2					7
Repair or rebuild water closet.....			12	4			1	
Provide screen, door or proper partition for water closet.....			9	4			2	3
Provide separate water closet for each sex.....			16	5	1		3	7
Discontinue use of outside closet and provide equiv- alent inside facilities.....			9	2		1	2	4
Discontinue use of basement closet unless females are regularly employed in basement.....			3	1			1	5
Provide water closet.....			9	1			3	6
Clean workroom.....			10	3				7
Prohibit living or sleeping in workroom.....			12		1		1	
Repair plaster of workroom.....			2	2				
Provide receptacle for refuse in workroom.....			1	1			1	
Remove refuse from workroom.....			14	2				
<i>Dangerous Machinery and Processes.</i>			170	100			1	69
Provide blower system or exhaust fan for removal of dust or gases.....			1					1
Provide rubber mat or wood platform at switch- board.....			5	3				2
Guard engine, exclusive of fly-wheel.....			4	1				3
Guard motor, dynamo, exciter or transformer.....			2					2
Guard belt and pulley.....			40	26				14
Guard cog, gear or friction wheel.....			18	10				8
Guard shafting, exclusive of set-screws.....			12	6				6
Guard emery wheel.....			30					1
Guard machinery, not otherwise classified.....			20	14			1	15
Guard fly or drive-wheel.....			16	9				7

TABLE I—Continued.
SERVICE—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of requirements not reported on.
	Estab- lishments in- spected.	Inspec- tions made.	Require- ments issued.	Complied with.	Partially complied with.	Re- closed.	Not complied with.	
SERVICE, TOTAL—Continued.								
RESTAURANTS, TOTAL—Concluded.								
<i>Children, Minors and Women—Concluded.</i>								
Stop employment of girl 18 but under 21 more than 10 hours per day.....			8	4				4
Stop employment of girl 18 but under 21 more than 34 hours per week.....			38	17			2	19
Stop employment of girl 18 but under 21 before 6 a. m. or after 10 p. m.....			9	3			1	5
Stop employment of girl 18 but under 21 more than 8 days per week.....			29	8			1	20
Stop employment that requires constant standing of girl 18 but under 21.....			1	1				
Stop employment of female over 18 more than 10 hours per day.....			35	25			1	9
Stop employment of female over 18 more than 54 hours per week.....			101	63		1	6	31
<i>General Safety</i>			18	4			3	11
Repair or change chimney, flue or stack.....			1				1	
Repair or renew floor.....			4					
Make general structural changes on building.....			1					
Repair or renew roof.....			1	1				2
Orders concerning minor repairs, not otherwise classified.....			1				1	
Provide, extend or repair hand-rail for stairway.....			4	1			1	2
Repair, rearrange or remove stairway.....			6					6
<i>Ventilation and Overcrowding</i>			3					1
Provide sufficient air space by enlarging building.....			12	7				5
Provide means of ventilation where system is not used.....			1					1
Provide ventilation for dressing room or water closet.....			2	1				1
<i>Cleanliness and Sanitary Conveniences.</i>			9					8
Clean air-shaft, cellar or yard.....			118	6	1		9	53
Clean or clear dressing room.....			4	1				3
Provide dressing room for females.....			2	2				5
Provide adjacent dressing room and water closet.....			6	3		1		1

Provide dressing room where sex of employees is not stated.....	2	.....	.....	.....	.....	2	.....
Orders concerning dressing room, not otherwise classified.....	3	.....	.....	.....	.....	1	.....
Clean hall or stairs.....	1	.....	.....	.....	.....	.....	1
Provide lunch room for females and allow 30 minutes for lunch.....	1	.....	.....	.....	.....	.....	.....
Orders concerning lunch room, not otherwise classified.....	1	.....	.....	.....	.....	.....	.....
Provide seats for women.....	1	.....	.....	.....	.....	.....	.....
Provide or repair drainage or spouting.....	1	.....	.....	.....	.....	.....	.....
Provide or repair plumbing.....	4	.....	.....	.....	.....	.....	.....
Orders concerning sanitation of surroundings, not otherwise classified.....	1	.....	.....	.....	.....	.....	.....
Provide additional water closet facilities.....	2	.....	.....	.....	.....	.....	.....
Clean water closet.....	19	.....	.....	.....	.....	.....	.....
Provide or use disinfectant for water closet.....	1	.....	.....	.....	.....	.....	.....
Provide lock and key for women's water closet.....	2	.....	.....	.....	.....	.....	.....
Repair or rebuild water closet.....	1	.....	.....	.....	.....	.....	.....
Provide separate water closet for each sex.....	15	.....	.....	.....	.....	.....	.....
Place sign designating water closet.....	7	.....	.....	.....	.....	.....	.....
Discontinue use of outside closet and provide equivalent inside facilities.....	4	.....	.....	.....	.....	.....	.....
Discontinue use of basement closet unless females are regularly employed in basement.....	1	.....	.....	.....	.....	.....	.....
Remove closet to greater distance from workroom.....	6	.....	.....	.....	.....	.....	.....
Provide water closet.....	5	.....	.....	.....	.....	.....	.....
Clean workroom.....	4	.....	.....	.....	.....	.....	.....
Paint, paper or whitewash workroom.....	4	.....	.....	.....	.....	.....	.....
Repair plaster of workroom.....	2	.....	.....	.....	.....	.....	.....
Remove refuse from workroom.....	10	.....	.....	.....	.....	.....	.....
<i>Protection From Fire</i>	1	.....	.....	.....	.....	.....	.....
Cover heating pipes, furnace or fuel room.....	1	.....	.....	.....	.....	.....	.....
Provide slide ladder or suspended stairway.....	1	.....	.....	.....	.....	.....	.....
Provide fire extinguisher.....	4	.....	.....	.....	.....	.....	.....
Remove rubbish or combustibles.....	2	.....	.....	.....	.....	.....	.....
Remove hose from gas stove.....	2	.....	.....	.....	.....	.....	.....
<i>All Other Orders</i>	101	.....	.....	.....	.....	.....	.....

TENEMENTS.

TENEMENTS, TOTAL	134	141	.....	.....	.....	23	32
<i>General Safety</i>.....	.....	.....	.....	.....	.....	4	5
Repair or renew floor.....	.....	.....	.....	.....	.....	.....	1
Make general structural repairs on building.....	.....	.....	.....	.....	.....	.....	1
Repair or renew roof.....	.....	.....	.....	.....	.....	.....	.....
Orders concerning minor repairs, not otherwise classified.....	.....	.....	.....	.....	.....	.....	.....
Provide, extend or repair hand-rail for stairway.....	12	.....	.....	.....	.....	4	2
Remove obstacle on stairway.....	1	.....	.....	.....	.....	.....	.....

TABLE I—Continued.
SERVICE—Concluded.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scheduled.	
SERVICE, TOTAL—Concluded.							
TENEMENTS, TOTAL—Concluded.							
<i>General Safety—Concluded.</i>							
Repair, rearrange or remove stairway.....			2	1			1
Repair stairway treads.....			3	3			9
<i>Cleanliness and Sanitary Conveniences.</i>			18	6	4		1
Provide additional water closet facilities.....			2	1			2
Clean water closet.....			4	2			
Provide or use disinfectant for water closet.....			1		1		
Provide lock and key for women's water closet.....			1				2
Repair or rebuild water closet.....			6	2			2
Clean workroom.....			1		1		1
Paint, paper or whitewash workroom.....			1		1		
Repair plaster of workroom.....			2		1		1
<i>Protection From Fire.</i>			71	37	14		17
Cover heating pipes, furnace or fuel room.....			6	2	2		1
Swing exit door outward.....			4	3			1
Provide new exit from upper floor, gallery or balcony.....			2				
Widen exit.....			1	2			1
Keep fire escape or passage leading to same free from obstruction.....			8	8			
Paint fire escape.....			17	3	3		6
Provide fire escape.....							
Orders concerning fire escape, not otherwise classified.....			4				2
Provide fire extinguisher.....			17	12			2
Recharge fire extinguisher.....			3	3			2
Remove rubbish or combustibles.....			2				2
Remove hose from gas stove.....			3				
Attach hose to standpipe.....			1	2			1
Orders concerning protection from fire, not otherwise classified.....			2				1
All Other Orders.			4	2			1
					1		1

TRADE

TRADE, TOTAL STORES, WHOLESALE AND RETAIL, TOTAL.....	2,523 2,417	2,938 2,836	1,903 1,788	1,142 1,086	7 7	26 26	102 91	626 583
<i>Children, Men and Women.</i>			672	442		8	7	215
Keep and post register of children.....			15	10				6
Post child labor notice.....			30	24				6
Post female labor notice.....			57	36		1		20
Discharge boy under 15.....			17	13				4
Secure school certificate for boy 15 but under 16.....			20	10				10
Stop employment of boy 15 but under 16 more than 8 hours per day.....			12	8				4
Stop employment of boy 15 but under 16 more than 48 hours per week.....			10	8				2
Stop employment of boy 15 but under 16 before 7 a. m. or after 6 p. m.....			12	8				4
Stop employment of boy 15 but under 16 more than 8 days per week.....			4	2				2
Stop employment of boy 16 but under 18 more than 10 hours per day.....			10	7				3
Stop employment of boy 16 but under 18 more than 64 hours per week.....			14	9				5
Stop employment of boy 16 but under 18 before 6 a. m. or after 10 p. m.....			4	4				
Stop employment of boy 16 but under 18 more than 6 days per week.....			2					2
Discharge girl under 16.....			13	8				6
Secure school certificate for girl 16 but under 18.....			66	44		2		20
Stop employment of girl 16 but under 18 more than 8 hours per day.....			30	20		1		9
Stop employment of girl 16 but under 18 more than 48 hours per week.....			31	20		1		10
Stop employment of girl 16 but under 18 before 7 a. m. or after 6 p. m.....			16	8		1		7
Stop employment of girl 16 but under 18 more than 6 days per week.....			7	6				1
Stop employment that requires constant standing of girl 16 but under 18.....			1					1
Stop employment of girl 18 but under 21 more than 10 hours per day.....			27	15				12
Stop employment of girl 18 but under 21 more than 64 hours per week.....			42	28			1	13
Stop employment of girl 18 but under 21 before 6 a. m. or after 10 p. m.....			14	8				6
Stop employment of girl 18 but under 21 more than 8 days per week.....			23	11			1	11
Stop employment that requires constant standing of girl 18 but under 21.....			2	1				1
Stop employment of child under 18 at extremely dangerous occupation.....			1					1
Stop employment of female over 18 more than 10 hours per day.....			84	58		1	2	23

TABLE I—Continued.
TRADE—Continued.

Type of inspection and requirements of orders issued.	Number of		Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Com-plied with.	Partially com-plied with.	Re-scheduled.	
TRADE, TOTAL—Continued.							
STORES, WHOLESALE AND RETAIL, TOTAL—Con- tinued.							
<i>Children, Minors and Women—Concluded.</i>							
Stop employment of female over 18 more than 64 hours per week.....			108	76		1	28
<i>General Safety</i>			101	71			30
Abandon part of building permanently.....				1			
Repair or change chimney, flue or stack.....			1				
Repair or renew floor.....			4			1	
Make general structural repairs on building.....			5	2			3
Provide, extend or repair guard-rail for platform or opening.....				2			
Repair or renew roof.....			5	3			2
Provide railed platform and steps at ground floor exit.....			7	6		1	
Orders concerning minor repairs, not otherwise classified.....			2	1			1
Provide, extend or repair hand-rail for stairway.....			6				2
Remove obstacle on stairway.....			58	44		1	13
Repair, rearrange or remove stairway.....			4	3			1
Orders concerning safety of surroundings, not other- wise classified.....			2	1		1	
Orders concerning general safety, not otherwise classified.....			4	2		1	1
<i>Lighting</i>							
Provide light for water closet.....			2	2			
Provide light for workroom.....			17	12			5
Orders concerning lighting, not otherwise classified.....			12	8			4
<i>Ventilation and Overcrowding</i>			3	3			1
Provide sufficient air space by limiting attendance.....			50	23		3	23
Provide means of ventilation where system is not used.....			1	1			
Alter or repair means of ventilation where system is not used.....			12	3		1	8
Provide ventilation for dressing room or water closet.....			2	2		1	
			23	16		1	15

TABLE I—Continued.
TRADE—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
TRADE, TOTAL—Continued.								
STORES, WHOLESALE AND RETAIL, TOTAL—Con- tinued.								
<i>Cleanliness and Sanitary Conveniences—Concluded.</i>								
Paint, paper or whitewash workroom.....			1	2				1
Repair plaster of workroom.....			3					1
Provide towels.....			1					1
Orders concerning workroom, not otherwise classi- fied.....			1					1
<i>Dangerous Machinery and Processes.</i>			48	31			4	13
Provide blower system or exhaust fan for removal of dust or gases.....			2	1			1	
Provide rubber mat or wood platform at switch- board.....			1	1				
Guard engine, exclusive of fly-wheel.....			1	1				
Guard motor, dynamo, exciter or transformer.....			1	1				
Guard belt and pulley.....			1	1				
Guard cog, gear or friction wheel.....			5	3				2
Guard shafting, exclusive of set-screws.....			2	2				1
Guard emery wheel.....			2	1				1
Guard power press.....			1	1				
Guard stamping, shearing or punching machinery.....			3	3				
Guard fly or drive-wheel.....			1				1	
Guard set-screw, bolt, nut or key.....			1					1
Prohibit removal of guard.....			1	1				
Provide automatic gates or floor doors for elevator hoist or conveyor.....			7	4			1	2
Alter or repair automatic gates or floor doors for elevator hoist or conveyor.....			2	2				
Guard unused sides of elevator shaft or hoistway opening.....			3	3			1	
Guard unused sides of elevator car.....			1	1				
Guard elevator ledges.....			5	3				2
Repair elevator, hoist or conveyor.....			3	2				1
Provide screen at top of elevator, hoist or con- veyor.....			3	1				2

TABLE I—Continued.

TRADE—Concluded.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
TRADE, TOTAL—Continued.								
YARDS, COAL, LUMBER AND JUNK, TOTAL—Con-cluded								
<i>(Painting and Sanitary Contingences—Concluded.</i>								
Clean workroom.....			2	1			1	1
Paint, paper or whitewash workroom.....			2	1			1	1
Plaster or cell walls of workroom.....			1					
<i>Dangerous Machinery and Processes.</i>			23	14			3	12
Guard belt and pulley.....			8	4			1	3
Guard cog, gear or friction wheel.....			5	2			1	3
Guard shafting, exclusive of set-screws.....			1	1				2
Guard sprocket and chain belt.....			1	1				
Guard saw.....			2	2				
Guard stamping, shearing or punching machines.....			1	1				
Guard fly or drive-wheel.....			3				1	2
Guard set-screw, bolt, nut or key.....			3	2				1
Prohibit removal of guard.....			1					1
Provide automatic gates or floor doors for elevator, hoist or conveyor.....			1					1
Alter or repair automatic gates or floor doors for elevator, hoist or conveyor.....			1					1
Guard unused slides of elevator shaft or hoistway opening.....			1					1
Guard unused slides of elevator car.....			10	5			1	4
<i>Protection From Fire.</i>								
Prohibit obstruction of aisles, spaces, entrances or exits.....			2	1			1	1
Provide fire escape.....			6	3				1
Provide fire extinguisher.....			1					1
Remove rubbish or combustibles.....			1					1
Orders concerning protection from fire, not other-wise classified.....			1	1				
<i>All Other Orders.</i>			3	4			1	4

Trade, Not Otherwise Classified, Total	39	39	35	15	10
<i>General Safety</i>			7	3	6
Repair or renew floor.....			1		1
Make general structural repairs on building.....			1		1
Repair or renew roof.....			1		1
Provide, extend or repair hand-rail for stairway.....			3	2	1
Repair, rearrange or remove stairway.....			1		1
<i>Cleanliness and Sanitary Concessions</i>			6	4	3
Clean or clear dressing room.....			1	1	
Provide dressing room for females.....			1	1	
Provide or use disinfectant for water closet.....			1	1	
Provide separate water closet for each sex.....			3	1	2
<i>Dangerous Machinery and Processes</i>			5	5	
Guard set-screw, bolt, nut or key.....			1	1	
Provide automatic gates or floor doors for elevator, hoist or conveyor.....			1	1	
Guard unused sides of elevator shaft or hoistway opening.....			1		
Guard elevator ledges.....			1	1	
Orders concerning elevator, hoist or conveyor, not otherwise classified.....			1	1	
<i>All Other Orders</i>			1	4	3

TRANSPORTATION AND PUBLIC UTILITIES.

TRANSPORTATION AND PUBLIC UTILITIES, TOTAL— ELECTRIC LIGHT AND POWER AND WATER- WORKS TOTAL	5-40	611	340	140	1	1	28	170
<i>General Safety</i>	186	188	116	69			8	39
Repair or change chimney, flue or stack.....			21	14			1	6
Repair or renew floor.....			1	1				
Coat floor opening.....			1	1				
Make general structural repairs on building.....			2	1				1
Provide, extend or repair guard-rail for platform or opening.....			1					1
Repair or renew roof.....			6	3			1	2
Orders concerning minor repairs, not otherwise classified.....			1	1				
Provide, extend or repair hand-rail for stairway.....			2	5				1
Orders concerning general safety, not otherwise classified.....			6	1				1
<i>Dangerous Machinery and Processes</i>			73	47			7	25
Provide blower system or exhaust fan for removal of dust or gases.....			1					1
Provide rubber mat or wood platform at switch-board.....			10	7			1	2
Orders concerning dangerous processes, not otherwise classified.....			2	2				
Guard engine, exclusive of fly-wheel.....			9	5				4

TABLE I—Continued.
TRANSPORTATION AND PUBLIC UTILITIES—Continued.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as				Number of re-quirements not re-ported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	Not complied with.	
TRANSPORTATION AND PUBLIC UTILITIES, TOTAL—Continued.								
ELECTRIC LIGHT AND POWER AND WATER-WORKS, TOTAL—Concluded.								
<i>Dangerous Machinery and Processes—Concluded.</i>								
Guard motor, dynamo, exciter or transformer.....			7	3			1	3
Guard belt and pulley.....			16	8			1	7
Guard cog, gear or friction wheel.....			7	3			1	3
Guard shafting, exclusive of set-screws.....			3	1			1	1
Guard emery wheel.....			3	1				1
Guard pump.....			1					
Guard fly or drive-wheel.....			17	13			2	2
Provide railed platform for oiling or working.....			2					
Guard set-screw, bolt, nut or key.....			1					
<i>Protection From Fire.</i>			5	4				1
Swing exit door outward.....			1					
Provide fire extinguisher.....			4	3				1
<i>All Other Orders.</i>			11	4				7
TELEGRAPH AND TELEPHONE, TOTAL.....	323	385	210	60	1	1	17	131
<i>Children, Minors and Women.</i>			84	24			5	55
Keep and post register of children.....			3					1
Post child labor notice.....			3	2				1
Post female labor notice.....			4	1				3
Discharge boy under 15.....			1	1				
Secure school certificate for boy 15 but under 16.....			2	1				1
Stop employment of boy 15 but under 16 more than 8 hours per day.....			2	1				1
Stop employment of boy 15 but under 16 more than 48 hours per week.....			2	1				1
Stop employment of boy 15 but under 16 before 7 a. m. or after 6 p. m.....			2	1				1
Stop employment of boy 15 but under 16 more than 6 days per week.....			1					1
Stop employment of boy 16 but under 18 more than 10 hours per day.....			1					1

TABLE I—Continued.
TRANSPORTATION AND PUBLIC UTILITIES—Concluded.

Type of inspection and requirements of orders issued.	Number of			Number of requirements reported as			Number of requirements not reported on.
	Estab-lishments in-spected.	Inspec-tions made.	Require-ments issued.	Complied with.	Partially complied with.	Re-scinded.	
TRANSPORTATION AND PUBLIC UTILITIES, TOTAL..							
Concluded.							
TELEGRAPH AND TELEPHONE, TOTAL—Concluded.							
<i>Cleanliness and Sanitary Conveniences—Concluded.</i>							
Clean workroom			1	1			1
Repair plaster of workroom.....			15	5			8
Protection from fire.....			4	1			3
Swing exit door outward.....			1				1
Alter or repair door or window.....							
Keep fire escape or passage leading to same free from obstruction			1	1			
Paint fire escape.....			1				
Provide fire escape.....			3	1			1
Provide fire extinguisher.....			2	1	2		
Remove hose from gas stove.....			1	1			1
Install standpipe and hose.....			1	1			1
Orders concerning protection from fire, not other-wise classified			1				
All Other Orders.....			35	11	3		21
TRANSPORTATION AND Public Utilities, Not Otherwise Classified, Total.....	25	28	14	11	3		
<i>Children, Minors and Women.</i>			5	5			
Keep and post register of children.....			1	1			
Secure school certificate for boy 15 but under 16.....			1	1			
Stop employment of boy 15 but under 16 before 7 a. m. or after 6 p. m.....			1	1			
Stop employment of boy 15 but under 16 more than 6 days per week.....			1	1			
Stop employment of boy 16 but under 18 more than 6 days per week.....			1				
All Other Orders.....			9	6	3		

APPENDIX A. PROSECUTIONS DURING YEAR ENDING DECEMBER 31, 1916.

Person or Firm Prosecuted.	City.	Number of Prosecutions.	Cause.	Justice.	Verdict.	Fine.	Costs.	Remarks.
Atlas Candy Co.	Lakewood	1	Employment of female over 18 years of age more than 10 hours per day.	T. B. Bolton	Guilty	\$50 00	\$4 75	Fine suspended.
Ayres, W. T.	Toledo	1	Employment of girl under 16 years of age.	Judge Austin	Guilty	25 80	4 60	Fine suspended.
Ayres, W. T.	Toledo	1	Employment of girl 16 but under 18 years of age without school certificate.	Judge Austin	Guilty	25 00	4 60	Fine suspended.
Cobb Machine Co. (W. B. Cobb)	Cleveland	1	Failure to guard dangerous machinery.	M. J. Penty	Guilty	50 00	5 25	Fine suspended.
Epstein, Isadore	Cleveland	1	Employment of boy under 15 years of age.	M. J. Penty	Guilty	5 00	5 10	Fines suspended.
Epstein, Isadore	Cleveland	2	Employment of boy under 15 years of age.	M. J. Penty	Guilty	50 00	11 20	Fines suspended.
Floto, Henry	Norwood	1	Employment of female over 18 years of age more than 10 hours per day.	Harry D. Armstrong	Guilty	25 00	5 00	Fine suspended.
Glass, H.	Cleveland	1	Employment of girl 16 but under 18 years of age without school certificate.	M. J. Penty	Guilty	25 00	4 10	Fine suspended.
Glass, H.	Cleveland	1	Employment of girl under 16 years of age.	M. J. Penty	Guilty	5 00	5 00	
Grand Leader Store. (Abe Marcus, Mgr.)	Dayton	1	Employment of girl under 16 years of age.	Judge Budroe	Guilty	10 00	3 55	
Grand Leader Store. (Abe Marcus, Mgr.)	Dayton	1	Employment of girl under 16 years of age.	Judge Budroe	Guilty	10 00	3 55	
Grand Leader Store. (Abe Marcus, Mgr.)	Dayton	1	Employment of boy under 15 years of age.	Judge Budroe	Guilty	38 00	7 10	
Juanningmann, Jos	Dayton	2	Employment of boy 15 but under 16 years of age without school certificate.	Judge Budroe	Guilty	50 00	4 00	
Kahn, H.	Cincinnati	1	Employment of female over 18 years of age more than 10 hours per day.	M. J. Penty	Guilty	5 00	5 00	
Kahn, H.	Cleveland	1	Employment of boy under 15 years of age.	M. J. Penty	Guilty	5 00	5 00	
Kahn, H.	Cleveland	1	Employment of girl 16 but under 18 years of age more than 8 hours per day.	M. J. Penty	Guilty	5 00	5 00	
Kaufman, H.	Cleveland	2	Employment of girl 16 but under 18 years of age without school certificate.	M. J. Penty	Guilty	10 00	10 80	
Kaufman, H.	Cleveland	1	Employment of girl 16 but under 18 years of age without school certificate.	M. J. Penty	Guilty	5 00	5 40	Fine suspended.
Kaufman, H.	Cleveland	1	Employment of girl under 16 years of age.	M. J. Penty	Guilty	5 00	5 40	Fine suspended.
Korach, Joseph	Cleveland	2	Employment of girl 16 but under 18 years of age without school certificate.	M. J. Penty	Guilty	10 00	10 80	
Korach, Joseph	Cleveland	2	Employment of girl 16 but under 18 years of age without school certificate.	M. J. Penty	Guilty	10 00	10 80	Fines suspended.
Lapon, M.	Cleveland	1	Employment of girl 16 but under 18 years of age without school certificate.	M. J. Penty	Guilty	25 00	4 00	Fine suspended.
Lapon, M.	Cleveland	1	Employment of girl 16 but under 18 years of age more than 8 hours per day.	M. J. Penty	Guilty	5 00	5 00	
Mandarin Restaurant (Pou Lee)	Cleveland	3	Employment of female over 18 years of age more than 54 hours per week.	M. J. Penty	Guilty	75 00	15 60	Fines suspended.
Mandarin Restaurant (Pou Lee)	Cleveland	1	Failure to remove refuse from floors and to provide suitable dressing room apart from shop.	M. J. Penty	Guilty	50 00	4 00	Fine suspended.

APPENDIX A.

PROSECUTIONS DURING YEAR ENDING DECEMBER 31, 1915—Concluded.

Person or Firm Prosecuted.	City.	Number of Prosecutions.	Cause.	Justice.	Verdict.	Fine.	Costs.	Remarks.
Mintz, Sam.....	Columbus.....	1	Employment of female over 18 years of age more than 10 hours per day.....	Justice Hennessy.....	Guilty.....	25 00	5 10	
Mintz, Sam.....	Columbus.....	1	Employment of female over 18 years of age more than 64 hours per week.....	Justice Hennessy.....	Guilty.....	25 00	2 15	Fine suspended.
Moore, Henry.....	Cleveland.....	1	Employment of girl 16 but under 18 years of age more than 8 hours per day.....	M. J. Penty.....	Guilty.....	5 00	5 50	
Moore, Henry.....	Cleveland.....	1	Employment of girl under 16 years of age.....	M. J. Penty.....	Guilty.....	5 00	5 50	
Schneider, Sam.....	Cleveland.....	1	Employment of girl under 16 years of age.....	M. J. Penty.....	Guilty.....	5 00	5 00	
Shnaeder, J.....	Cleveland.....	1	Employment of girl 16 but under 18 years of age without school certificate.....	M. J. Penty.....	Guilty.....	50 00	4 20	
Shnaeder, J.....	Cleveland.....	1	Employment of girl 16 but under 18 years of age more than 8 hours per day.....	M. J. Penty.....	Dismissed.....			Action dismissed at State's cost.
Stiles, W. H.....	Cleveland.....	10	Employment of girl 16 but under 18 years of age without school certificate.....	M. J. Penty.....	Guilty.....	50 00	50 50	
Stiles, W. H.....	Cleveland.....	5	Employment of girl 16 but under 18 years of age without school certificate.....	M. J. Penty.....	Guilty.....	25 00	23 65	Fines suspended.
Stiles, W. H.....	Cleveland.....	5	Employment of girl under 16 years of age.....	M. J. Penty.....	Guilty.....	25 00	25 25	Fines suspended.
Union News Restaurant (J. J. MacLamore.)	Cleveland.....	4	Employment of female over 18 years of age more than 10 hours per day.....	M. J. Penty.....	Guilty.....	200 00	28 10	Fines suspended.
Weingart, J.....	Cleveland.....	1	Employment of boy under 15 years of age.....	M. J. Penty.....	Guilty.....	5 00	3 50	
Weingart, Sam.....	Cleveland.....	1	Employment of girl under 16 years of age.....	M. J. Penty.....	Guilty.....	5 00	4 20	
Weingart, Sam.....	Cleveland.....	1	Employment of boy 15 but under 16 years of age without school certificate.....	M. J. Penty.....	Guilty.....	25 00	4 20	Fine suspended.
Weingart, Sam.....	Cleveland.....	1	Employment of boy 15 but under 16 years of age more than 8 hours per day.....	M. J. Penty.....	Guilty.....	5 00	4 20	
Williams and Thorne Co. (A. J. Thorne.)	Toledo.....	1	Employment of female over 18 years of age more than 10 hours per day.....	Judge Austin.....	Guilty.....	25 00	4 60	
Williams and Thorne Co. (A. J. Thorne.)	Toledo.....	1	Employment of female over 18 years of age more than 10 hours per day.....	Judge Austin.....	Guilty.....	25 00	4 60	Fine suspended.
Wong Kee.....	Cleveland.....	1	Employment of female over 18 years of age more than 64 hours per week.....	M. J. Penty.....	Guilty.....	25 00	5 30	Fine suspended.
Wong Kee.....	Cleveland.....	1	Employment of female over 18 years of age more than 64 hours per week.....	M. J. Penty.....	Guilty.....	25 00	5 20	
Wong, M.....	Cleveland.....	1	Employment of female over 18 years of age more than 64 hours per week.....	M. J. Penty.....	Guilty.....	25 00	5 70	Fine suspended.
Yee Hee Kee.....	Cleveland.....	1	Failure to repair building.....	M. J. Penty.....	Guilty.....	50 00	4 00	

APPENDIX B.

CLASSIFICATION OF INDUSTRIES AND TYPES OF INSPECTION.

(Nine general types of inspection are classified in this report. They are arranged in this appendix in alphabetical order with the sub-groups of each, also so arranged. The classification of the separate manufacturing industries follows the United States Census of Manufactures for 1909, as far as the available number of each class would permit.)

CONSTRUCTION.

MANUFACTURES.

Chemicals and Allied Products.

Acids and Wood Distillation.

Paint and Varnish.

Soap and Candles.

Chemicals and Allied Products, not otherwise classified.

Food and Kindred Products.

Bread and Other Bakery Products.

Butter, Cheese and Condensed Milk.

Candy and Salted Peanuts.

Canning and Preserving, Fruits and Vegetables.

Flour-mill and Gristmill Products.

Ice-cream.

Slaughtering and Meat Packing.

Food and Kindred Products, not otherwise classified.

Iron and Steel and Their Products.

Blast Furnaces.

Bolts, Nuts, Washers and Rivets.

Forgings.

Foundry and Machine Shop Products.

Machine Repairing.

Steel Works and Rolling Mills.

Stoves and Furnaces, including Gas and Oil Stoves.

Wire.

Wirework, including Wire Rope and Cable.

Iron and Steel, not otherwise classified.

Leather and Its Finished Products.

Boots and Shoes, including Out Stock and Findings.

Leather Goods.

Leather, Tanned, Curried and Finished.

Liquors and Beverages.

Liquors, Malt.

Mineral and Soda Waters.

Liquors and Beverages, not otherwise classified.

MANUFACTURES—Continued.**Lumber and Its Remanufactures.**

Baskets and Rattan and Willow Ware.
 Boxes, Cigar.
 Coffins, Burial Cases and Undertakers' Goods.
 Cooperage and Wooden Goods, not otherwise classified.
 Furniture and Refrigerators.
 Planing Mills.
 Sawmills.
 Wooden Boxes.
 Wood, Turned and Carved.
 Lumber and Its Remanufactures, not otherwise classified.

Metals and Metal Products, other than Iron and Steel.

Brass and Bronze Products.
 Copper, Tin and Sheet-iron Products.
 Gas and Electric Fixtures and Lamps and Reflectors.
 Metals and Metal Products, other than Iron and Steel, not otherwise classified.

Paper and Printing.

Bags, Paper.
 Bookbinding and Blank-book Making.
 Boxes, Fancy and Paper.
 Paper and Wood Pulp.
 Printing and Publishing.
 Paper and Printing, not otherwise classified.

Steam and Electric Railroad Repair Shops.**Stone, Clay and Glass Products.**

Brick and Tile.
 Glass.
 Marble and Stone Work.
 Pottery, Terra-cotta and Fire-clay Products.
 Stone, Clay and Glass Products, not otherwise classified.

Textiles.

Clothing, Men's, including Shirts.
 Clothing, Women's.
 Cotton Goods and Cotton Small Wares.
 Hosiery and Knit Goods.
 Millinery and Lace Goods.
 Tailoring and Dressmaking.
 Woolen and Worsted Goods.
 Textiles, not otherwise classified.

Tobacco Manufactures.

Cigars and Cigarettes.
 Tobacco Handlers and Packers.
 Tobacco Manufactures, not otherwise classified.

MANUFACTURES—Concluded.**Vehicles for Land Transportation.**

Automobiles, including Bodies and Parts.

Carriages and Wagons, and Materials.

Vehicles for Land Transportation, not otherwise classified.

Manufactures, Not Otherwise Classified.

Agricultural Implements.

Brooms and Brushes.

Electrical Machinery, Apparatus and Supplies.

Ice, Manufactured.

Mattresses and Spring Beds.

Models and Patterns, not including Paper Patterns.

Rubber Goods.

Signs and Advertising Novelties.

Miscellaneous Industries, not otherwise classified.

HIGH EXPLOSIVES.**HOSPITALS, INFIRMARIES AND HOMES.****PLACES OF PUBLIC ASSEMBLY.**

Amusement Parks.

Churches.

Halls.

Schools.

Theaters.

Places of Public Assembly, not otherwise classified.

SERVICE.

Garages.

Hotels.

Laundries.

Restaurants.

TENEMENTS.**TRADE.**

Stores, Wholesale and Retail.

Yards, Coal, Lumber and Junk.

Trade, not otherwise classified.

TRANSPORTATION AND PUBLIC UTILITIES.

Electric Light and Power and Water Works.

Telegraph and Telephone.

Transportation and Public Utilities, not otherwise classified.

APPENDIX C.

LIST OF INSPECTORS AND DISTRICTS.

Chief Factory Inspector—

George Hamilton, Columbus.

Assistant Factory Inspectors—

W. A. Devoss, Columbus.

A. E. Huls, Columbus.

High Explosives Inspector—

A. N. McCombs, Cadiz.

Bakeshop Inspectors—

Herbert Hannigan, New Lexington.

J. N. Tracy, 135 W. Pleasant St., Springfield.

Henry Fulton, 529 W. Columbus Ave., Bellefontaine.

Deputy Inspectors—

District No. 1—Lucas County.

W. J. Hazelwood, 653 Nicholas Bldg., Toledo.

District No. 2—Williams, Fulton, Defiance, Henry, Paulding, Putnam, Van Wert, and Allen County.

E. H. Frederick, Defiance.

District No. 3—Montgomery and Preble County.

Carson M. Pratt, 763 Reibold Bldg., Dayton.

District No. 4—Butler, Warren, Greene and Clinton County.

William Dance, 2535 Dixie Highway, Hamilton.

District No. 5—Hamilton County.

John Edwards, N. W. Cor. Third and Walnut Sts., Cincinnati.

Thos. Hosty, N. W. Cor. Third and Walnut Sts., Cincinnati.

Chas. Gronauer, N. W. Cor. Third and Walnut Sts., Cincinnati.

District No. 6—Huron, Erie, Sandusky, Ottawa and Wood County.

A. A. Wormwood, Fremont.

District No. 7—Hancock, Seneca, Wyandot, Crawford, Hardin and Marion County.

Scott McDonald, Bucyrus.

District No. 8—Clark and Champaign County, except townships of Adama, Jackson, Johnston in Champaign County, and Pike, Bethel and Mad River in Clark County; also counties of Union, Madison and Fayette.

W. D. Calhoun, 909 W. Columbia St., Springfield.

District No. 9—Scioto, Adams, Brown, Clermont, Pike, Highland, Ross and Lawrence County.

W. S. Kelsey, Levanna.

District No. 10—Cuyahoga County.

Thomas Donkin, 713 Marion Bldg., Cleveland.

Frank Bach, 713 Marion Bldg., Cleveland.

District No. 11—Lorain and Medina County.

Alfred Bates, 309 Masonic Temple Bldg., Elyria.

District No. 12—Morrow, Licking, Delaware, Knox and Richland County.

Emmett L. Crider, 202 Hamtrauck St., Mt. Vernon.

District No. 13—Franklin and Pickaway County.

D. Gordon Wilson, 30 Ide Terrace, Columbus.

District No. 14—Stark, Lake, Portage and Geauga County.

Harry W. Irwin, 534 Sixth St., N. W., Canton.

LIST OF INSPECTORS AND DISTRICTS—Concluded.**Deputy Inspectors—Concluded.**

District No. 15—Summit, Ashland and Wayne County.

Frank T. Christian, 396 E. Exchange St., Akron.

District No. 16—Townships of York, Trimble, Dover and Ames in Athens County, and counties of Hocking, Morgan, Perry and Fairfield.

Daniel M. Rusk, Malta.

District No. 17—All townships in Athens County, except York, Trimble, Dover and Ames, also counties of Vinton, Meigs, Jackson and Gallia.

W. H. Ebersbach, Pomeroy.

District No. 18—Trumbull, Ashtabula and Mahoning County.

Edward S. Schlegel, 612 Loveless Ave., Youngstown.

District No. 19—Jefferson, Carroll, Columbiana and Harrison county.

William Pittenger, 713 North St., East Liverpool.

District No. 20—Guernsey, Belmont, Noble, Monroe and Washington County.
Vacant.

District No. 21—Logan, Mercer, Shelby, Auglaize, Miami, Darke and that part of Champaign and Clark County comprising the townships of Adams, Johnston, Jackson, Pike, Bethel and Mad River.

J. C. Hagan, R. F. D. No. 6, Piqua.

District No. 22—Muskingum, Holmes, Tuscarawas and Coshocton County.

Warren J. Hyser, 331 Woodlawn, Zanesville.

Lady Visitors.

District No. 1—Cuyahoga, Erie, Geauga, Ashtabula, Lorain, Huron, Medina and Lake County.

Miss Bessie L. Corwin, 713 Marion Bldg., Cleveland.

Miss Lauretta Bean, 713 Marion Bldg., Cleveland.

District No. 2—Hamilton, Clermont, Highland, Brown and Adams County.

Mrs. Ethel Ruhl, N. W. Cor. Third and Walnut Sts., Cincinnati.

District No. 3—Seneca, Crawford, Ashland, Richland, Morrow, Knox, Delaware, Franklin, Licking, Muskingum, Fairfield, Perry, Morgan, Hocking, Athens, Vinton and Meigs County.

Mrs. Gertrude S. Weaver, 400 N. Gay St., Mt. Vernon.

District No. 4—Williams, Fulton, Lucas, Defiance, Henry, Wood, Ottawa, Sandusky, Putnam and Allen County.

Mrs. Ada Trevor Fox, 421 N. Charles St., Lima.

District No. 5—Paulding, Van Wert, Mercer, Shelby, Darke, Miami, Preble, Montgomery, Greene, Butler, Warren, Clinton and Auglaize County.

Mrs. Anna C. Shaffer, 112 E. Mechanic St., Wapakoneta.

District No. 6—Hancock, Wyandot, Hardin, Logan, Marion, Union, Champaign, Clark, Madison, Fayette, Pickaway, Ross, Pike, Jackson, Scioto, Gallia and Lawrence County.

Miss Edna Tanner, 12 E. Bonford St., Richwood.

District No. 7—Trumbull, Summit, Portage, Mahoning, Wayne, Stark, Columbiana, Holmes, Carroll, Tuscarawas, Jefferson, Coshocton, Harrison, Guernsey, Belmont, Noble, Monroe and Washington County.

Miss Blanche E. Cadot, 1001 Tuscarawas St., W., Canton.

The Industrial Commission of Ohio

**DEPARTMENT OF INVESTIGATION AND STATISTICS
REPORT No. 27**

Work of the Free Labor Exchanges of Ohio for the Year Ending June 30, 1916.



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INTRODUCTION.

The report of the work of the Free Labor Exchanges of Ohio for the year ending June 30, 1915 (Report No. 15), contained a very excellent history of the public employment offices in Ohio since their establishment, written by Professor M. B. Hammond, who was at that time Commissioner in charge of Employment Agencies. In connection with this history a very brief description of the forms now used in the employment offices was included, but so many inquiries have come to this office in regard to the actual method of handling applicants in the Exchanges that it has seemed advisable to preface this report with a detailed explanation of some of the terms used in the report and the methods employed in the offices.

NEW REGISTRATIONS.

"New registration" is the term used to describe an applicant for work when he makes his first or original application.

Each person when he makes his first, or original application for work, fills out an application card. If the applicant is unable to write, the registration clerk fills out this card. The card is hastily examined and the applicant, if unskilled, is very briefly interviewed, and if skilled, is interviewed more thoroughly by the registration clerk. The registration clerk may be the superintendent, assistant superintendent, or, in the larger offices, a special clerk.

On the application card of skilled workers is placed in code, a rough tentative rating on ability, experience and personality. The registration clerk enters the name of the applicant, his occupation and the date on a cross-file card; a serial number is entered with a triplifying automatic numbering machine on the application card, on the cross-file card and on an identification card. The application card is filed in numerical order, the cross-file card is filed in alphabetical order and the identification card is given to the applicant for permanent retention. The identification card is about the size of an ordinary visiting card and contains no printing of any kind in order to prevent its use as an introduction card.

The great majority of applicants register within one hour after the

office opens at 7 o'clock. As far as possible, the offices have been arranged in such a way that applicants for work, both "new registrations" and "renewals," must pass in single file before the registration clerk. Original applicants, after being furnished a blank application card, drop out of line to a convenient writing shelf where they fill out the form. A person altogether hopeless by reason of dissipation or from other causes, is refused an application card. This refusal occurs only in extreme cases, probably not more than one in a hundred is turned back upon first application.

After a man is registered, he is sent to a job as quickly as possible by the placement clerk who examines his card and also interviews him to determine his fitness.

All applicants are registered for the following reasons:

An employment office is a public institution operated by public funds and every citizen is entitled to its use. The fitness of an applicant to do any one of hundreds of different types of work cannot be determined by a casual glance and not usually by a single interview. If the registration clerk is allowed to eliminate applicants (except for a few very definite reasons), he will almost unconsciously eliminate an increasing proportion of applicants and thus reduce the amount of work he must do excepting at times when there are very unusual demands for labor.

The registration of all applicants materially reduces the number and effectiveness of complaints against an office. It also materially facilitates the sending out of men, as all of the preliminary work is done and the placement clerk can confine his attention to the fitness of the applicant and to the records immediately connected with the assignment.

The details of registration require a remarkably brief time in any well organized and well planned office. Entirely too much emphasis is placed by the officials of some states upon the time required for registering applicants.

RENEWALS.

"Renewal" is the term used to describe an applicant for work on each day that he visits the employment office to seek work after his original registration at that particular office.

The employment offices are so arranged that applicants, upon entering, must pass before the registration clerk. This is generally accomplished by railings providing only space enough for them to move forward in single file. As the applicant passes the registration clerk, he displays the identification card to the registration clerk, who makes a record of the number which is on the identification card. This record is made under the occupation in which the applicant is registered. The

applicant then passes into the waiting room and is ready for further interview and assignment by the placement clerk.

If the applicant has lost his identification card, reference is made to the alphabetical file and he is furnished with a new card showing his original number. For convenience, the alphabetical cross-file is always located near the registration desk and it is necessary to refer to it to replace lost cards only very occasionally.

Renewals are transferred daily from the registration clerk's record to the space provided for them on the face of the applicant's original registration card. As the applicant's registration cards are filed numerically, this is a very rapid operation. Before an applicant is assigned to a job, his original registration card is always pulled from the file and the clerk making the assignment, has the applicant's complete record before him. This gives the clerk access to his rating (in code), the previous record of all assignments and results, renewals, and, if skilled, his previous employer's recommendations, all of which he takes into consideration when assigning the applicant.

Compelling applicants to renew each time they come to the employment office enables the registration clerk to form a much better opinion of the applicant and his habits which greatly enhances the chances of an applicant securing a job to which he is best suited. This contact makes it possible for the clerk to rate the applicant intelligently and to more efficiently fit him to a job, and also helps the registration clerk to become familiar with the undesirables and to eliminate them more satisfactorily. Renewals of applicants make the records complete and much more valuable and very little time is required to get this information.

HELP WANTED.

"Help wanted" is the term used to indicate the number of persons requested by employers.

All orders for help are taken on regular forms which are immediately turned over to the placement clerk. When he assigns a man to a job, the applicant's registration card is attached and the information called for on the back of both the help wanted card and the applicant's registration card is filled in, with the exception of the column headed "results." The two cards are clipped together until we get a return from the employer advising whether or not he has hired the applicant, at which time we fill in the result column on both cards.

If the employer reports that the applicant referred to him was hired, the cards are separated and are ready to go back into the file after the daily report is completed. If the applicant is not hired and the employer desires another applicant, the help wanted card goes back to the placement clerk and another applicant is selected and assigned.

The person filling in the result column on both cards must place his or her initials (or some other designating mark) on the card so that we can hold him personally responsible for all records in the result column.

In tabulating our reports, we show the number of employes asked for by the employers classified under the various occupations. When the help wanted cards have been filled or cancelled, they are filed alphabetically by firms and, with very little effort, we can tell quickly the extent of our business with each firm or individual employer.

Occasionally we receive orders for help from employers which we do not consider when we tabulate our reports. This is due to extremely low wages paid, bad working conditions, or when our experience with employers has taught us that his orders are unreliable. It also often happens that an employer may want several hundred men and he sends his order to all the public and private agencies, requesting each of them to send him the full number wanted and, in this case, we take credit only for the number we refer. When we have a standing order from an employer for help of certain kinds, we also take credit only for the actual number of applicants we refer.

REFERRED.

"Referred" is the term used to indicate that an applicant for work has been sent to an employer in response to his request for help.

An applicant is never sent to an employer unless we have an order for help from the employer. If, as frequently happens, an employer or his representative comes to the office and personally takes charge of the employes selected for him, no introduction card is given the persons referred, but in all other cases an introduction card is given to an applicant when sent to an employer who can be reached by telephone and an introduction postcard is given to an applicant in case the employer has no telephone.

After the applicant has had sufficient time to reach the job, the employer is called by telephone to ascertain if the applicant is satisfactory and whether or not hired. If we find that the applicant has been hired, the proper record is made on the cards and if not hired, another applicant is referred as soon as possible.

All applicants referred to an employer are posted on the back of the help wanted card covering the help wanted by this employer and if they are hired, the letter "H" is placed in the result column opposite each name; not hired is designated by "N. H."

REPORTED PLACED.

"Reported placed" is the term used to indicate that a definite report has been received that the applicant for work has been hired by the employer to whom he was referred.

All applicants with the exception of those taken from the office by employers, who have been referred to jobs, present to the employer an introduction card on which we request the employer to notify us whether he has hired the applicant. The employers who can be reached by telephone and to whom applicants have been referred, are telephoned to each day, to ascertain whether or not they have hired the persons we referred to them. This is usually done after sufficient time has elapsed for the applicant to reach the job. If the employer has no telephone, we must await the return of the postal introduction card for results and in the event we do not get returns, no credit is taken for a placement.

The results are then posted on the applicant's registration card and also on the help wanted card and the clerk who has handled this detail, places his or her initials or some designating mark upon the card. We require this for the reason that our offices are frequently checked up by our field agent and we are then in a position to hold the proper person responsible for the placements.

When the employer reports that the applicant did not show up or that he was hired and failed to report for work, that the applicant was intoxicated, or abusive when applying for a job, or some of the other excuses common to those experienced in employment work, we use symbols to designate such facts. This is for the guidance of the placement clerk and is always taken into consideration in future dealings with the applicant.

VOCATIONAL GUIDANCE.

Vocational guidance is an every day part of the placing of all applicants, but special departments have been organized in the exchanges to undertake the vocational guidance of boys and girls. The system of handling these applicants is exactly the same as explained above, but it has been felt that some special problems are involved, which make it advisable to separate these departments.

In connection with the placing of boys, girls and women, an investigation of the employers and places of employment is carried on so that definite knowledge concerning available positions is at hand. Very great

care is taken in the placing of both boys and girls to see that they are placed in positions which offer healthy, congenial employment with a possibility of advancement. It is a uniform rule in the Exchanges that, if there is no suitable opening for the applicant, whether boy, girl, man or woman, employers most likely to be able to use the applicant are canvassed in person or by telephone in an endeavor to locate a suitable opening.

There is no doubt that vocational guidance of boys and girls is of the highest constructive value and will become an important feature in all of the offices.

WORK OF THE FREE LABOR EXCHANGES OF OHIO FOR THE YEAR ENDING JUNE 30, 1916.

GENERAL SUMMARY.

The fiscal year covered by this report has been one of unusual industrial activity. The number employed by the industries of the State has been increased by many thousands; wages, particularly for the unskilled and transient worker, have advanced; and unemployment, as a serious problem, has been reduced to a minimum. Complete data concerning the effect of these industrial conditions upon rates of wages, hours of labor and fluctuation of employment during the calendar year, 1915, will be found in Report No. 28.

During the year covered by this report, the seven Free Labor Exchanges of the State have experienced a wonderful growth in efficiency of service and volume of placements. The period has seen a complete change from a predominant demand for jobs by applicants to a predominant demand for suitable applicants by employers.

The progress of the offices during this reversal of conditions is an indication of the fact that these Exchanges are not merely charitable institutions for relieving distress during times of serious unemployment, but are rendering an essential service which is becoming increasingly popular with those seeking employment and those seeking help.

There has been no change in the number or location of principal offices as given in the report for the year ending June 30, 1915. These offices are seven in number and are located in the following largest cities of the State: Cleveland, Cincinnati, Columbus, Toledo, Dayton, Youngstown and Akron. In all of the cities except Columbus, the offices are maintained through the co-operation of both city and State and are known as State-City Free Labor Exchanges. There is little doubt that the city of Columbus will shortly join with the State in the support of the Exchange at this place because of the success which has attended this plan in other cities.

A branch of the Cleveland Exchange was opened in the Jewish quarter of the City in March, 1916. This branch is supported by the Jewish Council and it is hoped that it will develop into a material aid to the main Cleveland Office.

A complete reorganization of the record systems of the Free Labor Exchanges was made under the direction of the Department of Investigation and Statistics of the Industrial Commission during the spring and summer of 1914 as stated in last year's report. The present report offers comparisons with the report of the work of the Exchanges under this new system during the year ending June 30, 1915, but if compari-

sons are made with the record of previous years (a), the essential difference in the two systems, old and new, should be noted.

Under the present system, all applicants for work are registered while formerly only applicants sent out to jobs were registered and all others were reported as "Not Registered."

In former years, all applicants referred to positions were reported under the heading "Positions Secured," although in many cases the Employment Office had no information that the applicant was actually hired. Under the present system, every person included under the heading "Reported Placed" was definitely known to have been hired.

The daily average number of persons seeking employment through the Free Labor Exchanges during the year ending June 30, 1916, was 1,141 as compared with a daily average of 1,101 for the year ending June 30, 1915. Of the 1,141 applicants, approximately one-third (an average of 363) were new registrations. Employers requested through the Free Labor Exchanges an average of 674 persons per day as compared with a daily average of 248 applications for help for the year ending June 30, 1915. During the period covered by this report, an average of 566 per day were referred to positions and 463 were placed at work as compared with an average of 240 referred and 203 placed during the fiscal year 1914-15.

The total figures indicating the work of the offices for the year ending June 30, 1916, are given below, showing a comparison with similar figures indicating the work for the previous fiscal year.

	Year 1914-15	Year 1915-16
New registrations.....	93,780	110,749
Renewals.....	243,068	237,244
Total applicants for work.....	336,848	347,993
Number requested by employers.....	75,840	205,558
Number referred to positions.....	73,523	171,520
Number reported placed.....	62,237	141,253

It will be seen by the above figures that there has been a tremendous increase during the year 1915-16 in the number requested by employers, but no corresponding increase in the number of applicants. During the period covered by this report, the offices have endeavored to pick the 205,558 requested by employers, from 347,993 applicants, approximately three out of every five applicants, whereas during the year ending June 30, 1915, there were only calls for approximately one out of every five applicants.

The total number reported placed, 141,253, was equal to 40.6 per cent of the total number of applicants for work, and equal to 68.7 per cent of the number requested by employers. Last year (1914-15) a number equal to only 18.6 per cent of the total number of applicants

(a). Tables showing the work of the Public Employment Offices of Ohio from the date of organization to June 30, 1914, were published in connection with the Report of the Work of the Free Labor Exchanges of Ohio for the year ending June 30, 1915, Report No. 15.

was reported placed, but this number was equal to 82.1 per cent of the number requested by employers.

The number actually placed is somewhere between the number reported placed, 141,253, and the number referred to positions, 171,520, as in some cases an employer to whom an applicant was referred would fail to report and could not be reached by personal visit or by telephone to secure a report. Of the 171,520 referred to positions, definite reports of placements were secured from 82.4 per cent.

Approximately two-thirds (66.2 per cent) of the applicants reported were males, a very slight increase over the percentage of males as reported for the previous year (63.3 per cent). Separating the data under the various headings by sex, the work accomplished during the year was as follows:

SEX OF APPLICANTS, PERSONS REQUESTED BY EMPLOYERS, AND PERSONS PLACED.

Item.	Number.		Per cent.	
	Males.	Females.	Males.	Females.
New registrations.....	89,661	21,088	81.0	19.0
Renewals.....	168,115	69,129	70.9	29.1
Total applicants for work.....	257,776	90,217	74.1	25.9
Number requested by employers.....	132,200	73,358	64.3	35.7
Number referred to positions.....	114,498	57,022	66.8	33.2
Number reported placed.....	93,537	47,716	66.2	33.8

In three of the cities there was a slight decrease in the percentage of males to the whole number placed, but in the other four cities there was a very considerable increase in the percentage of males over the percentage reported placed in the fiscal year 1914-15. A very marked variation of the sex distribution of the persons reported placed is, however, still noticeable as shown by the following table:

SEX OF PERSONS PLACED, BY CITIES.

City.	For the year ending June 30, 1916.			For the year ending June 30, 1915.		
	Total number reported placed.	Per cent males.	Per cent females.	Total number reported placed.	Per cent males.	Per cent females.
Akron.....	13,082	56.9	43.1	1,528	55.2	44.8
Cincinnati.....	12,871	76.3	23.7	8,563	77.5	22.5
Cleveland.....	52,413	59.3	40.7	28,532	62.5	37.5
Columbus.....	18,042	55.9	44.1	10,477	52.7	47.3
Dayton.....	9,825	68.4	31.6	4,956	51.5	48.5
Toledo.....	24,549	84.2	15.8	6,713	73.1	26.9
Youngstown.....	10,471	72.8	27.2	1,468	72.3	27.7
Total.....	141,253	66.2	33.8	62,337	63.3	36.7

There was a very considerable variation in the percentage of the number reported placed as compared with the number of applicants in the several offices, but not so great a variation in the percentage as compared with the number requested by employers. The statement which follows compares the total number reported placed with the total number of applicants for work and also with the number applied for by employers:

PLACEMENTS COMPARED WITH APPLICANTS AND WITH NUMBER REQUESTED BY EMPLOYERS, BY CITIES.

City.	Number reported placed.	Number placed compared to total applicants for work.	Number placed compared to number requested by employers.
		Per cent	Per cent
Akron.....	13,082	41.2	68.8
Cincinnati.....	12,871	20.0	69.0
Cleveland.....	52,413	44.2	63.7
Columbus.....	8,042	45.9	77.4
Dayton.....	9,825	39.0	76.3
Toledo.....	24,549	52.0	68.8
Youngstown.....	10,471	48.3	75.7
Total.....	141,253	40.6	68.7

In the report for 1914-15, it was shown that of the males reported placed, 15.1 per cent were skilled workers and factory employes and 73.4 per cent were laborers. The present report shows that an increased percentage (16.8 per cent) of males placed were skilled workers and factory employes and a lower percentage (69.6 per cent) were laborers. The table which follows shows for each office the totals for males of each general occupation group during the year ending June 30, 1916.

PLACEMENTS IN EACH GENERAL GROUP, BY CITIES.

MALES.

City.	Number of males reported placed.	Per Cent.		
		Skilled workers and factory employes.	Laborers and day workers.	All others.
Akron.....	7,445	14.1	73.9	12.0
Cincinnati.....	9,826	13.4	75.4	11.2
Cleveland.....	31,067	16.8	71.3	11.9
Columbus.....	10,088	7.7	80.1	12.2
Dayton.....	6,721	19.9	62.7	17.4
Toledo.....	20,664	19.4	63.5	17.1
Youngstown.....	7,726	26.3	59.8	13.9
Total.....	93,537	16.8	69.6	13.6

Comparing the percentage of females, of each of five general occupation groups, reported placed in the period covered by this report, with the percentage of females of the same groups reported placed in the year 1914-15, a slight increase in the percentage of day workers and hotel and restaurant workers and a decrease in the percentage of factory workers and general houseworkers is noted. The decrease in the percentage of general houseworkers is easily explained because of the prevalent dearth of this class of workers. The change in the proportion of the other groups placed may be an increase in the efficiency of the offices in handling day workers and hotel and restaurant workers rather than a decrease in the efficiency in placing factory workers.

Female day workers are very different from male day workers and a very great community service is rendered by the Exchanges in placing these female workers, large numbers of whom are prevented by family cares from engaging in regular employment. With male applicants, there is great danger of creating casual workers out of men who should have permanent jobs, by sending them out on day work jobs for which they are paid at the end of the day. This possibility is carefully guarded against by picking only the older men and those with handicaps for such work. But with women this trouble is not experienced. A large number of women find work for almost every day of their available time through the service of the offices to day workers. It has also been found that a large proportion of these workers are having their full time taken without being sent from the office each day. For instance, if a woman is sent out for day work on Monday, it has been found that in a majority of cases, if both parties are satisfied, she is engaged by the same employer for every Monday. It is hoped that a practical method of determining the extent of such permanent day work placements may be evolved.

The percentage of females of each occupation group reported placed in the period covered by this report and the previous year are as follows:

	Year 1914-15 Per cent of total.	Year 1915-16 Per cent of total.
Factory workers and sewing trades.....	8.8	6.4
General housework.....	12.3	7.7
Hotel and restaurant work.....	8.1	8.9
Day workers, including laundresses.....	66.7	70.4
All others.....	4.1	6.5
	<hr/> 100.0	<hr/> 100.0

The following table gives the totals of females placed by each office during the year ending June 30, 1916:

PLACEMENTS IN EACH GENERAL OCCUPATION GROUP, BY CITIES.

FEMALES.

City.	Number of females reported placed.	Per Cent.				
		Factory workers and sewing trades.	General house-work.	Hotel and restaurant work.	Day workers, including laundresses.	All others.
Akron.....	5,637	1.6	8.0	13.7	73.4	3.3
Cincinnati.....	3,045	17.1	11.4	19.1	39.3	13.1
Cleveland.....	21,346	7.0	6.9	5.0	73.6	7.5
Columbus.....	7,954	3.1	6.7	8.5	79.9	1.8
Dayton.....	3,104	12.4	7.1	6.0	66.7	7.9
Toledo.....	3,885	8.1	10.4	20.1	51.5	10.0
Youngstown.....	2,745	.8	9.7	6.6	77.6	5.4
Total.....	47,716	6.4	7.7	8.9	70.4	6.5

Beginning in March, 1916, a special form of daily report giving detailed information in regard to the better grade permanent placements included in the regular report, was asked of each office. A separate blank was provided for males and females.

During the four months that reports were received on these forms, prior to June 30, 1916, a total of 856 high-grade placements were reported. Of these 856 placements, 681 were males and 175 females.

The instructions on the form for reporting high-grade male placements were, "Include all permanent placements of males at 35 cents or over per hour, \$18 or over per week, or \$75 or over per month. All placements are to be regarded as permanent if the employer stated when he placed the order that the position would be permanent if satisfactory filled."

The totals of high-grade male placements arranged in nine groups by occupation are as follows:

	Number of placements.
Building trades.....	284
Metal trades.....	168
Skilled factory workers.....	65
Bookkeepers, stenographers and office clerks.....	54
Transportation employes.....	50
Engineers and firemen.....	31
Executives and specially trained men.....	13
Hotel and restaurant help.....	8
Salesmen and other store employes.....	8
Total.....	681

Some of the more notable of these placements are given in detail below, without disclosing the name of the applicant or the name of the firm, as given on the report to this office:

Number.	Position.	Annual Salary.
1	Executive (Organization work).....	\$2,400
1	Field Superintendent (Construction Engineer).....	2,400
1	Ass't Field Superintendent (Construction Engineer).....	2,100
1	Employment Manager (Manufacturing plant).....	2,000
1	Ass't Construction Engineer.....	1,800
1	Salesman (Retail Store).....	1,500
4	Telegraph Operators (Railroad Switch Tower).....	1,344
2	Salesmen (Specialty).....	1,200
2	Pharmacists.....	1,200
1	Ass't Employment Office Superintendent (Mfg. Plant) ..	1,200
3	Labor Foremen.....	1,200

The instructions on the form for reporting high-grade female placements were, "Include all permanent placements of females at 17½ cents or over per hour, \$9 or over per week, or \$40 or over per month. All placements are to be regarded as permanent if the employer stated when he placed his order that the position would be permanent if satisfactorily filled."

The totals of the high-grade female placements arranged in seven groups are as follows:

	Number of placements.
Bookkeepers, stenographers and office clerks.....	56
Cooks.....	47
Domestic help, including janitresses.....	32
Hotel and restaurant help.....	11
Nurses.....	11
Skilled factory help.....	10
Saleswomen and other public service employees.....	8
Total.....	175

Some of the more notable of these are given in detail below, without disclosing the name of the applicant or firm as reported to this department:

Number.	Position.	Annual Salary.
1	Ass't Welfare Director (Manufacturing Plant).....	\$960
1	Bookkeeper.....	900
2	Stenographers.....	720
2	Cooks (hotel).....	720
1	Housekeeper (Institution).....	600
1	Factory Nurse.....	600
1	Manicurist.....	520

It should be borne in mind that the special reports from which the above information was secured only cover the work of the offices during four months and a great many placements which should be included in these reports are overlooked. For instance, it quite frequently happens that an applicant is engaged at a rate higher than that quoted

on the original order from the employer and the Exchange is not advised of this until too late to make a special report.

The extent of the services of the office in filling high-grade positions is shown by the following illustration. In January of the present year, the manager of one of the large department stores in Dayton was in Cincinnati on business which brought him in touch with the State-City Free Labor Exchange in that city. He was not familiar with the service offered by our offices, but upon learning something of it, became very much interested and left an order for a high-grade Oriental rug salesman. As is customary with such exceptional orders, the other offices were notified from the Department in Columbus, so that if there was a suitable applicant known to any of the offices he could be reached without delay. The superintendent of the Columbus office was the first to make progress. On the same day that word was received concerning this opening, a native Armenian employed as rug salesman in Columbus was interviewed relative to the position. He was not in a position to accept, but gave the Superintendent information concerning a fellow countryman in Syracuse, New York, who could be secured.

This information was communicated to the manager of the Dayton store and it was learned that he expected to be in New York City the following Monday. The Columbus rug salesman was expecting to be in New York at the same time, so an interview was arranged. These gentlemen met in New York and made satisfactory arrangements with the applicant in Syracuse. Sometime later the Dayton store advised the Columbus office that the salesman secured in this way had moved to Dayton with his family and was rendering satisfactory service to the firm.

The following summary statements show for the full year the number and per cent of total placed in each occupation as taken from the regular daily reports.

Of the 93,537 males placed—

- 51,385, or 54.9 per cent, were laborers,
- 12,517, or 13.4 per cent, were day workers (men employed on odd jobs lasting only a few days, a day, or a part of a day.)
- 4,280, or 4.6 per cent, were employed in skilled building trades.
- 2,953, or 3.2 per cent, were farm and dairy hands and gardeners.
- 2,351, or 2.5 per cent, were employed in skilled metal trades.

Of the 47,716 females placed—

- 33,607 or 70.4 per cent, were day workers and laundresses.
- 4,239, or 8.9 per cent, were engaged in hotel and restaurant work.
- 3,690, or 7.7 per cent, were engaged in general housework.
- 3,072, or 6.4 per cent, were engaged in factory work, including the sewing trades.

The table which follows shows for the year ending June 30, 1916, the number and per cent reported placed in each specified occupation in the seven offices. Some of the occupation groups as used in the above summary statements are a combination of the occupations as listed in the following table:

NUMBER AND PER CENT REPORTED PLACED IN EACH OCCUPATION.
SUMMARY FOR THE SEVEN OFFICES.

Occupations in which males were placed.	Number reported placed.	Per cent distribution.
Apprentices.....	354	.3
Auto repair men.....	186	.1
Blacksmiths.....	217	.2
Boiler makers.....	118	.1
Boiler maker helpers.....	76	.1
Bookkeepers, clerks, stenographers.....	764	.8
Boys (under 18—not apprentices).....	1,617	1.7
Brick and stone masons.....	195	.2
Buffers and polishers.....	30	(a)
Carpenters.....	2,076	2.2
Cement workers.....	221	.2
Chauffeurs.....	128	.1
Collectors.....	34	(a)
Cooks.....	781	.8
Day workers.....	12,517	13.4
Dish washers, pantry men.....	2,912	3.1
Distributors.....	675	.7
Drill and punch pressmen.....	260	.3
Drivers, teamsters and stablemen.....	2,384	2.5
Electricians.....	225	.2
Elevator operators.....	141	.2
Engineers.....	324	.3
Factory and shop workers.....	1,746	1.9
Farm and dairy hands.....	2,680	2.9
Firemen.....	425	.5
Gardeners and florists.....	273	.3
Glass workers.....	2	(a)
Handymen.....	2,854	3.1
Janitors.....	407	.4
Laborers.....	51,385	54.9
Laundry workers.....	83	.1
Machine hands, wood.....	149	.2
Machinists.....	983	1.1
Machinist helpers.....	319	.3
Millwrights.....	63	.1
Molders.....	185	.1
Painters, paper hangers, etc.....	884	.9
Plumbers and pipe fitters.....	358	.4
Porters.....	1,196	1.3
Salesmen.....	156	.2
Sheet metal workers.....	90	.1
Shoe workers.....	6	(a)
Solicitors.....	184	.2
Structural iron workers.....	45	(a)
Tailors and garment workers.....	38	(a)
Tinners.....	127	.1
Waiters.....	320	.4
Watchmen.....	143	.2
All others.....	2,437	2.6
Total.....	93,537	100.0

(a) Less than one-tenth of one per cent.

**NUMBER AND PER CENT REPORTED PLACED IN EACH OCCUPATION.
SUMMARY FOR THE SEVEN OFFICES.—Concluded.**

Occupations in which females were placed.	Number reported placed	Per cent distribution
Bookkeepers, clerks, stenographers	1,314	2.8
Chambermaids	593	1.2
Cooks	733	1.5
Day workers (including laundresses)	35,607	70.4
Dining room girls	151	.3
Dish washers	2,008	4.2
Factory workers	2,724	5.7
General housework	3,138	6.6
Housekeepers	276	.6
Housemaids	276	.6
Laundry hands	277	.6
Nursemaids	140	.3
Pantry girls	154	.3
Salesladies	368	.8
Seamstresses and hand tailors	230	.5
Sewing machine operators	110	.2
Shoe workers	8	(a)
Waitresses	600	1.3
All others	1,009	2.1
Total	47,716	100.0

(a) Less than one-tenth of one per cent.

The table which follows shows for the year ending June 30, 1916, the per cent distribution by occupations of those reported placed by each of the seven Labor Exchanges:

PERCENTAGE OF TOTAL OF EACH SEX REPORTED PLACED IN EACH OCCUPATION, BY CITIES.

Occupations in which males were placed.	Akron.	Cincinnati.	Cleveland.	Columbus.	Dayton.	Toledo.	Youngstown.
Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Apprentices.....	.2	.4	.1	.2	1.8	.1	.1
Auto repair men.....	.1	.1	.1	.1	.1	.3	.3
Blacksmiths.....	.1	.4	.2	.1	.1	.3	.7
Boiler makers.....	—	.1	.1	(a)	(a)	.1	.9
Boiler maker helpers.....	—	(a)	(a)	(a)	(a)	.1	.4
Bookkeepers, clerks, stenographers.....	.4	.6	.5	.1	.9	1.0	2.0
Boys (under 18, not apprentices).....	1.1	2.4	2.4	.5	1.0	1.2	1.1
Brick and stone masons.....	.4	.1	.2	(a)	.1	.1	.6
Buffets and polishers.....	—	.1	(a)	(a)	(a)	(a)	—
Carpenters.....	3.6	2.6	2.0	1.6	2.3	2.1	2.4
Cement workers.....	.1	.1	.1	.1	.3	.5	.3
Chauffeurs.....	.1	.1	.1	(a)	.3	.2	.2
Collectors.....	—	—	(a)	(a)	(a)	.1	.1
Cooks.....	.9	.8	.7	.7	.7	1.4	.9
Day workers.....	17.7	3.1	16.7	26.6	17.1	5.4	9.9
Dish washers, pantrymen.....	2.7	2.3	3.4	2.3	2.0	5.1	.3
Distributors.....	.6	.1	.3	.3	.2	1.8	1.2
Drill and punch pressmen.....	.1	.3	.3	(a)	.3	.3	.7
Drivers, teamsters, stablemen.....	3.3	.7	3.6	1.1	3.9	2.2	1.9
Electricians.....	.2	—	—	—	.4	.1	1.3
Elevator operators.....	.1	.1	.1	.1	.3	.2	(a)
Engineers.....	.3	.4	.1	.3	.2	.5	1.2
Factory and shop workers.....	1.0	1.7	.5	1.1	5.1	1.1	4.8
Farm and dairy hands.....	4.0	1.6	2.2	3.2	5.0	3.3	2.4
Firemen.....	.2	.4	.4	.5	.2	.6	.5
Gardeners and florists.....	.2	.5	.3	(a)	.5	.4	.1
Glass workers.....	—	—	—	—	—	(a)	—
Handymen.....	.5	1.0	4.5	.4	.5	5.3	2.0
Janitors.....	.3	1.2	.4	.1	1.4	.2	.2
Labors.....	55.2	70.4	53.2	52.5	43.8	56.8	49.5
Laundry workers.....	(a)	.2	.1	(a)	.1	.1	.3
Machine hands, wood.....	(a)	.5	.2	(a)	.2	.2	—
Machinists.....	1.0	1.5	.9	.4	1.5	.7	2.5
Machinist helpers.....	.1	(a)	.3	(a)	2.3	.1	.4
Millwrights.....	(a)	.1	.1	—	—	(a)	.2
Molders.....	(a)	.1	.3	—	.2	.1	.1
Painters, paper hangers, etc.....	1.2	1.1	.6	.9	1.4	1.4	.4
Plumbers and pipe fitters.....	.1	.2	.3	(a)	.1	.3	2.3
Porters.....	1.0	1.9	1.4	.9	1.8	1.3	.4
Salesmen.....	(a)	(a)	.1	(a)	.5	.4	.3
Sheet metal workers.....	(a)	.1	(a)	(a)	(a)	.3	—
Shoe workers.....	—	(a)	—	—	(a)	(a)	(a)
Solicitors.....	.3	.1	.1	.1	.4	.3	.1
Structural iron workers.....	.1	.1	—	(a)	.1	.1	.1
Tailors and garment workers.....	(a)	(a)	(a)	—	—	.1	—
Tinners.....	.1	.3	.1	—	.7	(a)	—
Waiters.....	.6	.4	.3	.2	.4	.5	.2
Watchmen.....	.1	(a)	.2	.1	.2	.2	.2
All others.....	1.6	1.8	1.7	3.7	1.4	3.1	6.7
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Occupations in which females were placed.							
Bookkeepers, clerks, stenographers.....	.8	3.2	3.9	.4	2.6	3.6	2.8
Chambermaids.....	1.9	2.2	.6	.8	1.0	4.3	1.1
Cooks.....	1.5	3.0	1.2	1.5	1.6	1.9	2.3
Day workers (including laundresses).....	73.4	39.3	73.6	79.9	66.7	51.5	77.6
Dining room girls.....	.4	.3	.2	.2	.3	1.1	.3
Dish washers.....	8.0	9.1	2.0	4.7	2.1	9.8	2.0
Factory workers.....	1.2	14.3	6.5	2.4	11.6	6.9	.7
General housework.....	7.0	9.4	5.9	6.3	5.3	7.5	8.9
Housekeepers.....	.6	.6	.4	.2	.7	2.0	.5
Housemaids.....	.4	1.4	.6	.1	1.1	.9	.3
Laundry hands.....	1.1	2.4	.3	.4	.3	.6	.8
Nursemaids.....	.5	.6	.2	.1	.8	.3	.5
Pantry girls.....	.2	.9	.1	.6	.3	.8	—
Salesladies.....	.3	1.7	1.0	.1	1.5	1.0	.1
Seamstresses and hand tailors.....	.2	1.5	.5	.3	.5	.6	(a)
Sewing machine operators.....	.2	1.1	(a)	.4	.3	.4	—
Shoe workers.....	—	.2	—	—	—	(a)	—
Waitresses.....	1.8	3.7	.8	.9	.7	2.7	1.1
All others.....	.5	5.3	2.2	.8	2.6	4.5	1.2
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Less than one-tenth of one per cent.

Considering the work of the Exchanges for the year 1915-16 by quarters, it will be noted that there was a consistent increase in the number of placements during the year in spite of a decrease in the total number of applicants. During the first six months of the period, a total of 179,853 persons made application for positions; in the last six months 168,140 persons applied, a reduction of 11,713, or 6.5 per cent. During the first six months, 65,942 persons were placed in positions and during the last six months 75,311, an increase of 9,369 or 14.2 per cent. There was also an increase of 27,752 or 31.2 per cent in the number requested by employers in the last six months over the number requested in the first six months. A decrease in the number of requests for help and placements is considered normal for the winter months.

The following table compares the work accomplished by quarters both for the period covered by this report and for the year ending June 30, 1915:

SUMMARY BY QUARTERS.

Quarter.	New registra- tions.	Renewals.	Total applicants for work.	Help wanted.	Referred to positions	Reported placed.
July to September, 1914....	19,620	31,262	50,883	12,682	11,757	9,842
October to December, 1914	16,524	53,012	69,536	11,548	11,498	9,507
January to March, 1915....	30,108	86,884	116,992	23,926	23,697	20,574
(a) April to June, 1915.....	27,228	71,910	99,138	27,654	26,571	22,314
July to September, 1915....	32,660	59,170	91,830	40,773	36,988	31,470
October to December, 1915	29,542	58,481	88,023	48,130	40,704	34,472
January to March, 1916....	23,525	63,486	87,011	47,259	38,922	30,491
April to June, 1916.....	25,022	56,107	81,129	69,396	54,906	44,320

(a) Two additional offices opened in this period, bringing total to seven.

The table which follows shows for the year ending June 30, 1916, the number and per cent reported placed in each specified occupation during each of the quarters of the year:

**NUMBER AND PER CENT REPORTED PLACED IN EACH OCCUPATION.
SUMMARY FOR THE SEVEN OFFICES BY QUARTERS.**

Occupations in which males were placed.	Number.				Per cent distribution.			
	July to September.	October to December.	January to March.	April to June.	July to September.	October to December.	January to March.	April to June.
Apprentices.....	39	61	85	69	.2	.3	.5	.2
Auto repair men.....	35	26	31	44	.2	.1	.2	.2
Blacksmiths.....	49	49	69	50	.2	.2	.4	.2
Boiler makers.....	19	39	30	25	.1	.2	.2	.1
Boiler maker helpers.....	11	24	14	28	.1	.1	.1	.1
Bookkeepers, clerks, stenographers.....	174	194	176	219	.8	.8	1.0	.8
Boys (under 18—not apprentices).....	347	493	470	307	1.6	2.0	2.6	1.1
Brick and stone masons.....	66	72	35	22	.3	.3	.2	.1
Buffers and polishers.....	6	13	5	6	(a)	.1	(a)	(a)
Carpenters.....	776	698	237	365	3.5	2.9	1.3	1.3
Cement workers.....	71	81	11	58	.3	.3	.1	.2
Chauffeurs.....	29	26	36	32	.1	.1	.2	.1
Collectors.....	6	25	.....	4	(a)	.1	(a)	(a)
Cooks.....	168	177	191	245	.8	.7	1.0	.8
Day workers.....	1,705	2,894	1,612	6,306	7.8	12.0	8.8	21.7
Dish washers, pantry men.....	342	373	745	1,452	1.6	1.5	4.1	5.0
Distributors.....	112	308	113	142	.5	1.3	.6	.5
Drill and punch pressmen.....	70	55	69	66	.3	.2	.4	.2
Drivers, teamsters, stablemen.....	422	578	725	659	1.9	2.4	3.9	2.8
Electricians.....	36	96	44	49	.2	.4	.2	.2
Elevator operators.....	32	29	31	49	.1	.1	.2	.2
Engineers.....	108	84	65	67	.5	.3	.4	.2
Factory and shop workers.....	268	375	545	557	1.2	1.6	3.0	1.9
Farm and dairy hands.....	994	794	292	600	4.5	3.3	1.6	2.1
Firemen.....	63	126	142	95	.3	.5	.8	.3
Gardeners and florists.....	39	43	19	172	.2	.2	.1	.6
Glass workers.....	.....	2	.....	.....	(a)	(a)	(a)	(a)
Handymen.....	345	440	683	1,386	1.6	1.8	3.7	4.8
Janitors.....	95	76	107	129	.4	.3	.6	.4
Laborers.....	13,711	13,890	10,060	13,724	62.3	57.7	54.7	47.2
Laundry workers.....	23	11	24	25	.1	(a)	.1	.1
Machine hands, wood.....	37	55	30	27	.2	.2	.2	.1
Machinists.....	307	239	240	197	1.4	1.0	1.3	.7
Machinist helpers.....	58	42	53	166	.3	.2	.3	.6
Millwrights.....	9	12	22	20	(a)	(a)	.1	.1
Molders.....	24	60	21	30	.1	.2	.1	.1
Painters, paper hangers, etc.....	189	211	137	347	.9	.9	.7	1.2
Plumbers and pipe fitters.....	103	96	66	93	.5	.4	.4	.3
Porters.....	201	215	286	494	.9	.9	1.6	1.7
Salesmen.....	52	50	28	27	.2	.2	.2	.1
Sheet metal workers.....	10	60	10	10	(a)	.2	.1	(a)
Shoe workers.....	2	2	2	.....	(a)	(a)	(a)	(a)
Solicitors.....	42	69	24	19	.2	.3	.1	.1
Structural iron workers.....	9	11	13	12	(a)	(a)	.1	(a)
Tailors and garment workers.....	13	2	1	16	.1	(a)	(a)	.1
Tinners.....	38	25	25	39	.2	.1	.1	.1
Waiters.....	82	59	79	109	.4	.2	.4	.4
Watchmen.....	35	32	35	42	.2	.1	.2	.1
All others.....	621	676	637	503	2.8	2.8	3.5	1.7
Total.....	21,991	24,068	18,375	29,103	100.0	100.0	100.0	100.0
Occupations in which females were placed.								
Bookkeepers, clerks, stenographers.....	221	306	417	370	2.3	2.9	3.4	2.4
Chambermaids.....	123	162	167	141	1.3	1.6	1.4	.9
Cooks.....	203	184	173	173	2.1	1.8	1.4	1.1
Day workers (including laundress).....	5,806	6,630	8,469	12,702	61.3	63.7	69.9	80.8
Dining room girls.....	50	35	38	28	.5	.3	.3	.2
Dish washers.....	522	544	502	440	5.5	5.2	4.1	2.8
Factory workers.....	819	783	671	451	8.6	7.5	5.5	2.9
General housework.....	980	852	731	575	10.3	8.2	6.0	3.7
Housekeepers.....	83	75	62	66	.9	.7	.5	.4
Housemaids.....	52	61	73	60	.5	.6	.6	.6
Laundry hands.....	65	59	85	68	.7	.6	.7	.4
Nursemaids.....	39	39	32	30	.4	.4	.3	.2
Pantry girls.....	36	25	35	38	.4	.2	.3	.2
Salesladies.....	75	186	53	54	.8	1.8	.4	.3
Seamstresses and hand tailors.....	42	55	79	54	.4	.5	.7	.3
Sewing machine operators.....	42	23	28	17	(a)	.2	.2	.1
Shoe workers.....	.....	4	3	1	(a)	(a)	(a)	(a)
Waitresses.....	169	144	164	123	1.8	1.3	1.4	.8
All others.....	152	237	314	306	1.6	2.3	2.6	1.9
Total.....	9,479	10,404	12,116	15,717	100.0	100.0	100.0	100.0

(a) Less than one-tenth of one per cent.

This report has been compiled by Mr. C. H. Mayhugh, Assistant Statistician, who has immediate supervision of the work of the Free Labor Exchanges of Ohio; he is assisted in the field work by Mr. Wilbur F. Maxwell, Special Agent of this Department.

A report of the inspection of licensed private employment agencies and prosecutions under the Law Relating to Private Employment Agencies has been added as a supplement to this report.

GEO. F. MILES,

Chief Statistician.

December 15, 1916.

TABLE I—SUMMARY OF THE WORK OF THE SEVEN FREE LABOR EXCHANGES OF OHIO FOR THE YEAR ENDING JUNE 30, 1916, BY CITIES.

[The column "Help Wanted" shows the number of persons applied for by employers. The column "Referred to Positions" shows the number sent out in response to requests from employers, and the column "Reported Placed" shows the number concerning whom the Exchange had a definite report that they were hired.]

City.	New Registrations.	Renewals.	Total applicants for work.	Help wanted.	Referred to positions.	Reported placed.
MALES						
Akron.....	9,281	13,132	22,413	11,130	9,743	7,445
Cincinnati.....	16,489	35,929	52,418	13,039	13,744	9,826
Cleveland.....	24,005	54,460	78,465	46,599	37,588	31,067
Columbus.....	7,599	18,685	26,284	13,377	12,994	10,068
Dayton.....	7,543	11,841	19,384	8,474	7,492	6,721
Toledo.....	16,912	24,959	41,871	29,176	23,588	20,564
Youngstown.....	7,832	9,109	16,941	10,405	9,349	7,726
Total.....	89,661	168,115	257,776	132,200	114,498	93,537
FEMALES.						
Akron.....	1,734	7,585	9,319	7,873	6,597	5,637
Cincinnati.....	4,494	7,292	11,786	5,815	4,583	3,045
Cleveland.....	7,366	32,813	40,179	35,618	25,823	21,346
Columbus.....	2,466	10,582	13,048	9,930	8,889	7,954
Dayton.....	1,647	4,150	5,797	4,400	3,404	3,104
Toledo.....	2,138	3,216	5,354	6,501	4,538	3,885
Youngstown.....	1,243	3,491	4,734	3,421	3,188	2,746
Total.....	21,088	69,129	90,217	73,358	57,022	47,716
TOTAL.						
Akron.....	11,015	20,717	31,732	19,003	16,340	13,082
Cincinnati.....	20,983	43,221	64,204	18,654	18,327	12,871
Cleveland.....	31,371	87,273	118,644	82,217	63,411	52,413
Columbus.....	10,065	29,267	39,332	23,307	21,883	18,042
Dayton.....	9,190	15,991	25,181	12,874	10,896	9,825
Toledo.....	19,050	28,175	47,225	35,677	28,126	24,549
Youngstown.....	9,075	12,600	21,675	13,826	12,537	10,471
Grand total.....	110,749	237,244	347,993	205,558	171,520	141,253

TABLE II—APPLICANTS FOR WORK, HELP WANTED, AND NUMBER REPORTED PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS.

SUMMARY FOR THE SEVEN OFFICES.

Year and month.	Total applicants for work.	Help wanted.	Reported placed.		
			Number.	Per cent of applicants for work.	Per cent of number wanted by employers.
1915.					
July.....	31,520	10,246	8,134	25.8	79.4
August.....	31,106	11,990	9,781	31.4	81.6
September.....	29,204	18,537	13,555	46.4	73.1
October.....	27,991	18,794	12,927	46.2	68.8
November.....	30,749	16,130	12,150	39.5	75.3
December.....	29,283	13,206	9,395	32.1	71.1
1916.					
January.....	29,792	13,565	8,996	30.2	66.3
February.....	28,731	14,829	9,297	32.4	62.7
March.....	28,488	18,865	12,199	42.8	64.7
April.....	25,438	22,844	14,018	55.1	61.4
May.....	28,321	25,777	16,755	59.2	65.0
June.....	27,370	20,775	14,046	51.3	67.6
Total (12 months).....	347,993	205,558	141,253	10.6	68.7

TABLE II—APPLICANTS FOR WORK, HELP WANTED, AND NUMBER REPORTED PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS—Continued.

AKRON.

Year and month.	Total applicants for work.	Help wanted.	Reported placed.		
			Number.	Per cent of applicants for work.	Per cent of number wanted by employers.
1915.					
July.....	2,944	753	541	18.4	71.8
August.....	3,412	1,460	1,119	32.8	76.6
September.....	3,185	1,803	1,314	41.3	72.9
October.....	2,492	1,658	1,216	48.8	73.3
November.....	3,213	1,569	1,156	36.0	73.7
December.....	3,104	1,179	890	28.7	75.5
1916.					
January.....	2,716	1,481	938	34.5	63.3
February.....	2,281	1,309	880	38.6	67.2
March.....	2,031	1,789	1,110	54.7	62.0
April.....	1,782	1,905	1,141	64.0	59.9
May.....	2,143	2,174	1,394	65.0	64.1
June.....	2,429	1,923	1,383	56.9	71.9
Total (12 months).....	31,732	19,003	13,082	41.2	68.8

CINCINNATI.

1915.					
July.....	5,626	938	779	13.8	83.0
August.....	5,958	1,297	1,154	19.4	89.0
September.....	5,402	1,487	1,339	24.8	90.0
October.....	5,775	1,346	1,154	20.0	85.7
November.....	5,182	1,303	1,138	22.0	87.3
December.....	5,180	1,112	780	15.1	70.1
1916.					
January.....	6,297	1,289	887	14.1	68.8
February.....	6,102	1,288	776	12.7	60.2
March.....	5,920	2,286	1,356	22.9	59.3
April.....	4,628	2,410	1,312	28.3	54.4
May.....	4,170	2,238	1,273	30.5	56.9
June.....	3,964	1,660	923	23.3	55.6
Total (12 months).....	64,204	18,654	12,871	20.0	69.0

CLEVELAND.

1915.					
July.....	9,633	3,852	2,897	30.1	75.2
August.....	10,774	4,449	3,420	31.7	76.9
September.....	9,275	6,986	4,373	47.1	62.6
October.....	8,438	7,161	4,311	51.1	60.2
November.....	10,034	6,127	4,138	41.2	67.5
December.....	9,017	5,231	3,277	36.3	62.6
1916.					
January.....	9,851	5,493	3,339	33.9	60.8
February.....	10,172	6,267	3,484	34.3	55.6
March.....	9,803	7,209	4,377	44.6	60.7
April.....	9,287	9,421	5,511	59.3	58.5
May.....	11,202	10,926	7,158	63.9	65.5
June.....	11,155	9,095	6,128	54.9	67.4
Total (12 months).....	118,644	82,217	52,413	44.2	63.7

TABLE II—APPLICANTS FOR WORK, HELP WANTED, AND NUMBER REPORTED PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS—Continued.

COLUMBUS.

Year and month.	Total applicants for work.	Help wanted.	Reported placed.		
			Number.	Per cent of applicants for work.	Per cent of number wanted by employers.
1915.					
July.....	3,417	1,144	1,011	29.7	88.4
August.....	3,318	1,401	1,198	36.1	85.5
September.....	3,331	1,951	1,673	50.2	85.8
October.....	2,984	2,050	1,708	57.2	83.3
November.....	3,572	2,004	1,551	43.4	77.4
December.....	3,499	1,476	1,227	35.1	83.1
1916.					
January.....	3,372	1,451	1,147	34.0	79.0
February.....	3,283	1,474	1,129	34.4	76.6
March.....	3,501	2,223	1,604	45.8	72.2
April.....	3,042	2,819	2,011	66.1	71.3
May.....	3,174	2,956	2,122	66.9	71.8
June.....	2,839	2,358	1,661	58.5	70.4
Total (12 months).....	39,332	23,307	18,042	45.9	77.4

DAYTON.

1915.					
July.....	2,428	577	507	20.9	87.9
August.....	2,468	761	598	24.2	78.6
September.....	2,207	1,192	925	41.9	77.6
October.....	2,262	1,182	972	43.0	82.2
November.....	2,387	1,073	902	37.8	84.1
December.....	2,073	946	754	36.4	79.7
1916.					
January.....	2,247	992	730	32.5	73.6
February.....	1,898	959	719	38.0	75.0
March.....	1,732	1,235	845	48.8	68.4
April.....	1,912	1,268	893	46.7	71.0
May.....	1,812	1,595	1,144	63.1	71.7
June.....	1,760	1,104	836	47.5	75.7
Total (12 months).....	25,181	12,874	9,825	39.0	76.3

TOLEDO.

1915.					
July.....	6,016	2,205	1,793	29.8	81.3
August.....	3,675	1,987	1,698	46.2	85.5
September.....	3,999	4,011	3,068	76.7	76.5
October.....	4,083	3,951	2,685	65.8	68.0
November.....	4,395	2,621	2,217	50.4	84.6
December.....	4,251	1,887	1,652	38.9	87.5
1916.					
January.....	3,602	1,786	1,199	33.3	67.1
February.....	3,320	2,559	1,544	46.5	60.3
March.....	3,494	3,008	1,999	57.2	66.5
April.....	3,221	3,764	2,176	67.6	57.8
May.....	3,865	4,532	2,443	63.2	53.9
June.....	3,304	3,366	2,075	62.8	61.6
Total (12 months).....	47,225	35,677	24,549	52.0	68.8

TABLE II—APPLICANTS FOR WORK, HELP WANTED, AND NUMBER REPORTED PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS—Concluded.

YOUNGSTOWN.

Year and month.	Total applicants for work.	Help wanted.	Reported placed.		
			Number.	Per cent. of applicants for work.	Per cent. of number wanted by employers.
1915.					
July.....	1,456	777	606	41.6	78.0
August.....	1,501	635	594	39.6	93.5
September.....	1,805	1,107	863	47.8	78.0
October.....	1,957	1,446	881	45.0	60.9
November.....	1,965	1,433	1,048	53.3	73.1
December.....	2,159	1,375	815	37.7	59.3
1916.					
January.....	1,704	1,073	756	44.4	70.5
February.....	1,680	973	765	45.5	78.6
March.....	2,007	1,115	908	45.2	81.4
April.....	1,566	1,267	974	62.2	76.9
May.....	1,955	1,356	1,221	62.5	90.0
June.....	1,919	1,269	1,040	54.2	82.0
Total (12 months).....	21,675	13,826	10,471	48.3	75.7

TABLE III.—GENERAL OCCUPATION OF PERSONS PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS.

MALES.

SUMMARY FOR THE SEVEN OFFICES.

Year and month.	Total number reported placed.	Number.			Per cent.		
		Skilled workers and factory employes.	Laborers and day workers.	All other occupations.	Skilled workers and factory employes.	Laborers and day workers.	All other occupations.
1915.							
July.....	5,602	889	3,696	1,037	15.5	66.0	18.5
August.....	6,784	1,012	4,999	773	14.9	73.7	11.4
September.....	9,605	1,565	6,922	1,118	16.3	72.1	11.6
October.....	9,410	1,411	6,714	1,285	15.0	71.3	13.7
November.....	8,584	1,272	6,197	1,115	14.8	72.2	13.0
December.....	6,074	1,221	4,088	765	20.1	67.3	12.6
1916.							
January.....	4,985	1,065	3,204	696	21.3	64.3	14.0
February.....	5,643	1,226	3,576	841	21.7	63.4	14.9
March.....	7,747	1,357	5,179	1,211	17.5	66.9	15.6
April.....	9,144	1,509	6,444	1,191	16.5	70.5	13.0
May.....	11,205	1,732	8,110	1,363	15.5	72.4	12.3
June.....	8,754	1,488	5,969	1,297	17.0	68.2	14.8
Total (12 mos.)	93,537	15,747	65,098	12,692	16.8	69.6	13.6

AKRON.

1915.							
July.....	318	63	173	82	19.8	54.4	25.8
August.....	610	71	451	88	11.6	73.9	14.4
September.....	803	122	583	98	15.2	72.6	12.2
October.....	744	127	527	90	17.1	70.8	12.1
November.....	708	108	544	56	15.3	76.8	7.9
December.....	427	75	273	79	17.6	63.9	18.5
1916.							
January.....	464	79	338	47	17.0	72.8	10.1
February.....	433	93	292	48	21.5	67.4	11.1
March.....	567	80	402	85	14.1	70.9	15.0
April.....	639	80	493	66	12.5	77.2	10.3
May.....	852	74	717	61	8.7	84.2	7.2
June.....	880	79	706	95	9.0	80.2	10.8
Total (12 mos.)	7,445	1,051	5,499	895	14.1	73.9	12.0

CINCINNATI.

1915.							
July.....	596	109	401	86	18.3	67.3	14.4
August.....	990	87	856	47	8.8	86.5	4.7
September.....	1,170	115	990	65	9.8	84.6	5.6
October.....	985	99	782	104	10.1	79.4	10.6
November.....	925	105	742	78	11.4	80.2	8.4
December.....	528	103	366	59	19.5	69.3	11.2
1916.							
January.....	583	93	391	99	16.0	67.1	17.0
February.....	514	103	312	99	20.0	60.7	19.3
March.....	1,029	127	783	119	12.3	76.1	11.6
April.....	977	114	772	91	11.7	79.0	9.3
May.....	892	121	622	149	13.6	69.7	16.7
June.....	637	142	394	101	22.3	61.9	15.9
Total (12 mos.)	9,826	1,318	7,411	1,097	13.4	75.4	11.2

TABLE III—GENERAL OCCUPATION OF PERSONS PLACED DURING
YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS—Continued.
MALES.

CLEVELAND.

Year and month.	Total number reported placed.	Number.			Per cent.		
		Skilled workers and factory employees.	Laborers and day workers.	All other occupations.	Skilled workers and factory employees.	Laborers and day workers.	All other occupations.
1915.							
July.....	1,791	164	1,430	197	9.2	79.8	11.0
August.....	2,180	261	1,751	168	12.0	80.3	7.7
September.....	2,694	383	2,096	215	14.2	77.8	8.0
October.....	2,712	292	2,100	320	10.8	77.4	11.8
November.....	2,598	334	2,004	260	12.9	77.1	10.0
December.....	1,908	323	1,440	145	16.9	75.5	7.6
1916.							
January.....	1,623	332	1,122	169	20.5	69.1	10.4
February.....	1,833	375	1,283	175	20.5	70.0	9.5
March.....	2,316	499	1,476	341	21.5	63.7	14.7
April.....	3,306	701	2,078	527	21.2	62.9	15.9
May.....	4,631	857	3,118	656	18.5	67.3	14.2
June.....	3,475	707	2,249	519	20.3	64.7	14.9
Total (12 mos.)	31,067	5,228	22,147	3,692	16.8	71.3	11.9

COLUMBUS.

1915.							
July.....	553	41	428	84	7.4	77.4	15.2
August.....	664	48	538	80	7.2	80.7	12.0
September.....	995	90	789	116	9.0	79.3	11.7
October.....	1,164	90	926	148	7.7	79.6	12.7
November.....	980	98	775	107	10.0	79.1	10.9
December.....	631	52	513	66	8.2	81.3	10.5
1916.							
January.....	436	54	318	66	12.4	72.5	15.1
February.....	536	56	366	114	10.4	68.3	21.3
March.....	887	65	643	179	7.3	72.5	20.2
April.....	1,161	61	998	102	5.3	86.0	8.8
May.....	1,213	64	1,064	85	5.3	87.7	7.0
June.....	868	58	723	87	6.7	83.3	10.0
Total (12 mos.)	10,088	777	8,077	1,234	7.7	80.1	12.2

DAYTON.

1915.							
July.....	309	47	194	68	15.2	62.8	22.0
August.....	394	99	251	44	25.1	63.7	11.2
September.....	575	128	357	90	22.3	62.1	15.7
October.....	704	113	471	120	16.1	66.9	17.0
November.....	566	78	351	136	13.8	62.1	24.1
December.....	546	108	340	98	19.8	62.3	17.9
1916.							
January.....	450	89	272	89	19.8	60.4	19.8
February.....	491	120	275	96	24.4	56.0	19.6
March.....	604	129	390	85	21.4	64.6	14.1
April.....	624	119	436	69	19.1	69.9	11.1
May.....	857	177	567	113	20.7	66.2	13.2
June.....	602	129	312	161	21.4	51.8	26.7
Total (12 mos.)	6,721	1,336	4,216	1,169	19.9	62.7	17.4

TABLE III—GENERAL OCCUPATION OF PERSONS PLACED DURING
YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS—Continued.
MALES.

TOLEDO.

Year and month.	Total number reported placed.	Number.			Per cent.		
		Skilled workers and factory employees.	Laborers and day workers.	All other occupa- tions.	Skilled workers and factory employees.	Laborers and day workers.	All other occupa- tions.
1915.							
July.....	1,543	314	789	440	20.3	51.1	28.5
August.....	1,472	331	860	281	22.5	58.4	19.1
September.....	2,691	550	1,692	449	20.4	62.9	16.7
October.....	2,349	470	1,470	409	20.0	62.6	17.4
November.....	1,931	323	1,301	307	16.7	67.4	15.9
December.....	1,389	334	833	222	24.0	60.0	16.0
1916.							
January.....	899	226	537	136	25.1	59.7	15.1
February.....	1,256	287	750	219	22.9	59.7	17.4
March.....	1,679	275	1,125	279	16.4	67.0	16.6
April.....	1,764	291	1,214	269	16.5	68.8	14.7
May.....	2,027	347	1,418	262	17.1	70.0	12.9
June.....	1,664	258	1,135	271	15.5	68.2	16.3
Total (12 mos.)	20,664	4,006	13,124	3,534	19.4	63.5	17.1

YOUNGSTOWN.

1915.							
July.....	492	131	281	80	26.6	57.1	16.3
August.....	474	115	294	65	24.3	62.0	13.7
September.....	677	177	415	85	26.1	61.3	12.6
October.....	752	220	438	94	29.3	58.2	12.5
November.....	877	226	480	171	25.8	54.7	19.5
December.....	645	226	323	96	35.0	50.1	14.9
1916.							
January.....	530	212	228	90	40.0	43.0	17.0
February.....	580	192	298	90	33.1	51.4	15.5
March.....	665	182	360	123	27.4	54.1	18.5
April.....	673	143	453	77	21.2	67.3	11.4
May.....	733	92	604	37	12.6	82.4	5.0
June.....	628	115	450	63	18.3	71.7	10.0
Total (12 mos.)	7,726	2,031	4,624	1,071	26.3	59.8	13.9

TABLE III—GENERAL OCCUPATION OF PERSONS PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS—Continued.
FEMALES.

SUMMARY FOR THE SEVEN OFFICES.

Year and month.	Total number reported placed.	Number.				Per cent.					
		Factory workers and seamstresses.	General house-work.	Hotel and restaurant.	Day workers including laundresses.	All other occupations.	Factory workers and seamstresses.	General house-work.	Hotel and restaurant.	Day workers including laundresses.	All other occupations.
1915.											
July.....	2,532	208	347	340	1,486	151	8.2	13.7	13.4	58.7	6.0
August.....	2,997	302	374	330	1,823	168	10.1	12.5	11.0	60.8	5.6
September.....	3,950	393	394	433	2,497	233	9.9	10.0	11.0	63.2	5.9
October.....	3,517	297	357	381	2,199	283	8.4	10.2	10.8	62.5	8.0
November.....	3,566	360	327	375	2,237	267	10.1	9.2	10.5	62.7	7.5
December.....	3,321	208	304	338	2,194	277	6.3	9.2	10.2	66.1	8.3
1916.											
January.....	4,011	290	303	371	2,754	293	7.2	7.6	9.2	68.7	7.3
February.....	3,654	262	268	349	2,492	293	7.2	7.1	9.6	68.2	8.0
March.....	4,452	229	305	379	3,225	316	5.1	6.9	8.5	72.4	7.1
April.....	4,874	166	195	296	3,969	248	3.4	4.0	6.1	81.4	5.1
May.....	5,550	180	254	278	4,552	286	3.2	4.6	5.0	82.0	5.2
June.....	5,292	177	272	369	4,181	293	3.3	5.1	7.0	79.0	5.5
Total (12 months).....	47,716	3,072	3,690	4,239	33,607	3,108	6.4	7.7	8.9	70.4	6.5

AKRON.

1915.											
July.....	223	10	30	48	123	12	4.5	13.5	21.5	55.2	5.4
August.....	609	8	57	81	338	25	1.6	11.2	15.9	66.4	4.9
September.....	511	11	54	108	316	22	2.2	10.6	21.1	61.8	4.3
October.....	472	19	66	91	278	18	4.0	14.0	19.3	58.9	3.8
November.....	449	10	43	85	264	16	2.2	9.6	18.0	65.0	3.6
December.....	463	5	57	92	263	27	1.1	12.3	19.9	60.9	5.8

1916.

January.....	474	10	30	58	361	15	2.1	6.3	12.2	76.2	3.2
February.....	447	6	23	64	334	16	1.3	5.1	15.2	74.7	3.6
March.....	543	3	30	68	432	14	.6	5.5	11.8	79.6	2.6
April.....	502	1	18	34	444	7	.2	3.6	6.8	88.4	1.0
May.....	542	1	18	23	433	5	.2	3.3	4.2	91.0	1.3
June.....	503	7	25	21	441	9	1.4	5.0	4.2	87.7	1.8
Total (12 months).....	5,637	91	451	773	4,136	186	1.6	8.0	13.7	73.4	3.3

CINCINNATI.

1915.

July.....	183	40	29	47	63	4	21.9	15.8	25.7	34.4	2.2
August.....	164	34	15	41	62	12	20.7	9.1	25.0	37.8	7.3
September.....	169	43	11	35	72	8	26.4	6.5	20.7	42.6	4.7
October.....	169	37	12	49	56	15	21.9	7.1	26.0	33.1	8.9
November.....	213	51	26	49	63	24	23.9	12.2	23.0	29.6	11.3
December.....	252	38	32	46	85	51	15.1	12.7	18.3	33.7	20.2
1916.											
January.....	304	49	41	57	104	23	16.1	13.5	18.8	34.2	17.4
February.....	292	54	35	55	82	36	20.6	13.4	21.0	31.3	13.7
March.....	327	50	34	60	136	47	15.2	10.4	18.3	41.6	14.4
April.....	335	46	35	58	151	45	13.7	10.4	17.3	45.1	13.4
May.....	381	37	46	51	177	70	9.7	12.1	13.4	46.5	18.4
June.....	286	41	30	33	147	35	14.3	10.5	11.5	51.4	12.2
Total (12 months).....	3,045	520	346	581	1,198	400	17.1	11.4	19.1	39.3	13.1

CLEVELAND.

1915.

July.....	1,105	124	136	75	697	74	11.2	12.3	6.8	63.0	6.7
August.....	1,240	205	163	54	735	83	16.5	13.1	4.4	59.3	6.7
September.....	1,679	151	180	110	1,122	116	9.0	10.7	6.6	66.8	6.9
October.....	1,599	129	142	71	1,064	173	8.1	8.9	4.4	67.8	10.8
November.....	1,540	156	131	90	1,019	144	10.1	8.5	5.8	66.2	9.4
December.....	1,369	104	92	76	980	117	7.6	6.7	5.6	71.6	8.5
1916.											
January.....	1,716	138	111	85	1,235	147	8.0	6.5	5.0	72.0	6.6
February.....	1,651	116	101	75	1,187	172	7.0	6.1	4.5	71.9	10.4
March.....	2,061	130	109	95	1,563	164	6.3	5.3	4.6	76.8	8.0
April.....	2,205	68	69	86	1,873	109	3.1	3.1	3.9	84.9	4.9
May.....	2,527	102	100	90	2,102	133	4.0	4.0	3.6	83.2	5.3
June.....	2,653	71	142	153	2,119	168	2.7	5.4	5.8	79.9	6.3
Total (12 months).....	21,346	1,494	1,476	1,060	15,716	1,600	7.0	6.9	5.0	73.6	7.5

TABLE III—GENERAL OCCUPATION OF PERSONS PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS—Concluded.
FEMALES.

COLUMBUS.

Year and month.	Total number reported placed.	Number.					Per cent.				
		Factory workers and seamstresses.	General housework.	Hotel and restaurant.	Day workers including laundresses.	All other occupations.	Factory workers and seamstresses.	General housework.	Hotel and restaurant.	Day workers including laundresses.	All other occupations.
1915.											
July.....	458	9	39	54	353	3	2.0	8.5	11.8	77.1	.7
August.....	534	17	46	40	416	6	3.2	8.6	9.2	77.9	1.1
September.....	678	27	45	53	538	15	4.0	6.6	7.8	79.4	2.2
October.....	644	27	46	60	406	5	5.0	8.5	11.0	74.6	.9
November.....	571	15	62	61	423	10	2.6	10.9	10.7	74.1	1.8
December.....	596	12	58	47	471	8	2.0	9.7	7.9	79.0	1.3
1916.											
January.....	711	24	54	70	556	7	3.4	7.6	9.8	78.2	1.0
February.....	593	26	44	73	434	16	4.4	7.4	12.3	73.2	2.7
March.....	717	23	49	65	565	15	3.2	6.8	9.1	78.8	2.1
April.....	850	26	31	41	729	23	3.1	3.6	4.8	85.8	2.7
May.....	909	13	28	48	802	18	1.4	3.1	5.3	88.2	2.0
June.....	793	28	28	54	666	17	3.5	3.5	6.8	84.0	2.1
Total (12 months).....	7,954	247	530	675	6,359	143	3.1	6.7	8.5	79.9	1.8

DAYTON.

1915.											
July.....	198	12	31	27	104	24	6.1	15.7	13.6	52.5	12.1
August.....	204	17	29	22	127	9	8.3	14.2	10.8	62.3	7.4
September.....	350	107	19	18	180	25	30.8	5.4	5.4	51.4	11.1
October.....	268	83	23	13	143	31	19.8	8.6	6.7	53.4	11.6
November.....	337	86	16	10	192	30	25.5	4.7	3.9	57.0	8.9
December.....	206	25	19	13	124	27	12.0	9.1	6.3	59.6	13.0
1916.											
January.....	280	35	23	16	175	31	12.5	8.2	5.7	62.5	11.1
February.....	228	23	11	17	163	14	10.1	4.8	7.5	71.5	6.1

March.....	241	2	15	9	203	12	.8	6.2	3.7	84.2	5.0
April.....	260	7	8	13	229	12	2.6	3.0	4.8	85.1	4.5
May.....	287	18	14	8	235	12	6.3	4.9	2.8	81.9	4.2
June.....	234	1	11	11	194	17	.4	4.7	4.7	82.9	7.3
Total (12 months).....	3,104	386	219	186	2,069	244	12.4	7.1	6.0	66.7	7.9

TOLEDO.

July.....	250	13	50	71	85	31	5.2	20.0	28.4	34.0	12.4
August.....	226	21	35	66	80	24	9.3	15.5	20.2	35.4	10.6
September.....	377	54	51	83	148	36	14.3	13.5	23.3	39.3	9.5
October.....	336	31	45	70	157	33	9.2	13.4	20.8	46.7	9.8
November.....	286	35	23	61	128	34	12.2	9.8	21.3	44.8	1.9
December.....	263	23	23	44	139	34	8.7	8.7	16.7	52.9	12.9
January.....	300	33	27	65	157	18	11.0	9.0	21.7	52.3	6.0
February.....	298	31	31	53	150	23	10.8	10.8	18.4	52.1	8.0
March.....	320	10	37	76	141	47	5.9	11.6	23.8	44.1	14.7
April.....	412	16	20	62	278	36	3.9	4.9	15.0	67.5	8.7
May.....	416	9	34	51	288	34	2.2	8.2	12.3	69.2	8.2
June.....	411	28	22	75	249	37	6.8	5.4	18.2	60.6	9.0
Total (12 months).....	3,885	313	403	782	2,000	387	8.1	10.4	20.1	51.5	10.0

YOUNGSTOWN.

July.....	114	.....	32	18	61	3	.....	28.1	15.8	53.5	2.6
August.....	120	.....	29	17	65	9	.....	24.2	14.2	54.2	7.5
September.....	186	.....	34	20	121	11	.....	18.3	10.8	65.1	5.9
October.....	129	.....	23	22	75	8	.5	17.8	17.1	58.1	6.2
November.....	171	7	21	16	118	9	4.1	12.3	9.4	69.0	5.3
December.....	170	1	23	20	113	13	.6	13.5	11.8	66.5	7.6
January.....	226	1	17	20	166	22	.4	7.5	8.8	73.5	9.7
February.....	185	6	13	8	142	16	3.2	7.0	4.8	76.8	8.6
March.....	243	2	31	10	183	17	.5	12.8	4.1	75.3	7.0
April.....	301	2	14	2	265	18	.7	4.7	.7	88.0	6.0
May.....	488	.....	14	7	455	12	.....	2.9	1.4	93.2	2.5
June.....	412	1	14	22	365	10	.2	3.4	5.3	88.6	2.4
Total (12 months).....	2,745	21	265	182	2,139	148	.8	9.7	6.6	77.6	5.4

TABLE IV—WORK OF THE FREE LABOR EXCHANGES OF OHIO, FOR
THE YEAR ENDING JUNE 30, 1916, BY CITIES AND OCCUPATIONS.

SUMMARY FOR THE SEVEN OFFICES.

Sex and occupation.	New regis- trations.	Renewals.	Total applicants for work.	Help wanted.	Referred to positions.	Reported placed.
MALES.						
Apprentices.....	526	614	1,140	414	364	254
Auto repairmen.....	489	878	1,367	201	216	136
Blacksmiths.....	629	1,011	1,640	326	337	217
Boiler makers.....	192	197	389	159	144	113
Boiler makers' helpers.....	135	177	312	125	110	76
Bookkeepers, clerks and stenographers.....	4,131	5,374	9,505	1,168	1,226	764
Boys (under 18—not apprentices).....	1,738	2,677	4,415	3,475	2,632	1,617
Brick and stone masons.....	265	588	853	339	243	195
Buffers and polishers.....	191	420	611	44	43	30
Carpenters.....	2,602	5,246	7,848	3,203	2,682	2,076
Cement workers.....	187	713	900	285	253	221
Chauffeurs.....	1,558	2,618	4,176	206	239	123
Collectors.....	172	247	419	53	53	34
Cooks.....	1,388	3,200	4,588	1,179	1,140	781
Day workers.....	400	3,101	3,501	13,135	13,259	12,517
Dish washers and pantrymen.....	1,566	3,215	4,781	3,701	3,653	2,912
Distributors.....	27	44	71	876	731	675
Drill and punch pressmen.....	1,403	2,368	3,771	446	395	260
Drivers, teamsters and stablemen.....	3,295	7,476	10,771	3,492	3,364	2,384
Electricians.....	737	1,061	1,798	316	331	225
Elevator operators.....	353	1,082	1,435	227	241	141
Engineers.....	990	1,890	2,880	445	499	324
Factory and shop workers.....	5,256	8,760	14,016	2,516	2,511	1,745
Farm and dairy hands.....	3,072	3,134	6,206	3,516	3,328	2,680
Firemen.....	1,767	3,639	5,406	586	665	425
Gardeners and florists.....	299	814	1,113	338	340	273
Glass workers.....	18	10	28	2	2	2
Handymen.....	1,815	6,369	8,184	8,351	3,351	2,854
Janitors.....	869	2,558	3,427	598	657	407
Laborers.....	34,553	66,401	100,954	75,022	60,569	51,285
Laundry workers.....	77	333	410	121	124	83
Machine hands, wood.....	646	1,216	1,862	282	260	149
Machinists.....	2,288	2,627	4,915	1,625	1,481	983
Machinists' helpers.....	1,603	2,441	4,044	429	390	319
Millwrights.....	191	383	574	81	83	63
Molders.....	424	572	996	775	179	135
Painters, paper hangers, etc.....	1,950	4,183	6,133	1,203	1,160	884
Plumbers and pipe fitters.....	1,026	1,748	2,774	478	523	358
Porters.....	2,015	5,787	7,802	1,627	1,723	1,196
Salasmen.....	775	786	1,561	316	223	157
Sheet metal workers.....	165	242	407	145	135	90
Shoe workers.....	138	204	342	26	13	6
Solidtors.....	61	141	202	336	203	154
Structural iron workers.....	186	210	396	94	76	45
Tailors and garment workers.....	137	147	284	69	39	32
Tinners.....	273	504	777	223	198	127
Waiters.....	801	1,239	2,040	557	524	329
Watchmen.....	804	2,080	2,884	207	236	144
All others.....	5,478	7,340	12,818	3,867	3,335	2,437
Total.....	89,661	168,115	257,776	132,200	114,498	93,537
FEMALES.						
Bookkeepers, clerks and stenographers.....	2,833	4,236	7,069	2,100	2,301	1,314
Chambermaids.....	654	1,066	1,710	1,191	958	563
Cooks.....	911	2,196	3,107	1,988	1,196	733
Day workers (including laundresses).....	5,249	43,015	48,264	36,061	34,496	33,607
Dining room girls.....	102	266	368	871	218	151
Dish washers.....	1,343	2,843	4,186	3,569	2,670	2,006
Factory workers.....	2,408	3,139	5,547	6,449	3,912	2,724
General housework.....	3,002	4,867	7,869	12,907	5,473	3,138
Housekeepers.....	540	989	1,529	844	521	276
Housemaids.....	334	609	943	853	454	276
Laundry hands.....	211	455	666	659	431	277
Nursemaids.....	289	469	758	441	296	140
Pantry girls.....	101	235	336	322	245	154
Salesladies.....	651	1,099	1,750	785	664	368
Seamstresses and hand tailors.....	348	597	945	521	349	230
Sewing machine operators.....	94	92	186	516	177	110
Shoe workers.....	17	17	34	18	20	8
Waitresses.....	825	1,204	2,029	1,507	1,110	600
All others.....	1,176	1,745	2,921	2,256	1,531	1,009
Total.....	21,068	69,129	90,217	73,358	57,022	47,716
Grand total.....	110,749	237,244	347,993	205,558	171,520	141,253
Per cent males.....	81.0	70.9	74.1	64.3	66.8	66.3
Per cent females.....	19.0	29.1	25.9	35.7	33.2	33.8

TABLE IV—WORK OF THE FREE LABOR EXCHANGES OF OHIO, FOR
THE YEAR ENDING JUNE 30, 1916, BY CITIES AND OCCUPATIONS
—Continued.

AKRON.

Sex and occupation.	New registrations.	Renewals.	Total applicants for work.	Help wanted.	Referred to positions.	Reported placed.
MALES.						
Apprentices.....	25	45	70	22	29	17
Auto repairmen.....	45	41	86	4	8	4
Blacksmiths.....	45	49	94	6	8	5
Boiler makers.....	16	4	20	10	.....	.....
Boiler makers' helpers.....	2	7	9	.....	.....	.....
Bookkeepers, clerks and stenographers.....	415	575	990	57	70	32
Boys (under 18—not apprentices).....	118	151	269	182	141	8
Brick and stone masons.....	43	116	159	55	40	28
Buffers and polishers.....	.....	.....	.....	.....	.....	.....
Carpenters.....	422	430	852	448	400	260
Cement workers.....	29	184	213	24	20	11
Chauffeurs.....	188	254	442	16	19	11
Collectors.....	21	16	37	10	10	10
Cooks.....	162	336	498	137	127	69
Day workers.....	51	271	322	1,365	1,369	1,316
Dish washers and pantry men.....	138	227	365	297	273	202
Distributors.....	1	.....	1	48	41	39
Drill and punch pressmen.....	47	59	106	15	17	8
Drivers, teamsters and stablemen.....	421	482	903	404	412	248
Electricians.....	62	45	107	29	34	16
Elevator operators.....	29	115	144	17	20	11
Engineers.....	96	109	205	82	47	23
Factory and shop workers.....	868	1,224	2,092	142	163	78
Farm and dairy hands.....	542	303	845	388	375	295
Firemen.....	196	289	485	27	29	17
Gardeners and florists.....	14	44	58	21	17	15
Glass workers.....	2	.....	2	.....	.....	.....
Handymen.....	88	261	349	65	59	36
Janitors.....	76	343	419	22	34	24
Laborers.....	3,485	5,095	8,580	6,302	5,124	4,111
Laundry workers.....	3	4	7	5	7	4
Machine hands, wood.....	19	22	41	4	10	8
Machinists.....	299	259	558	121	145	73
Machinists' helpers.....	57	93	150	10	8	4
Millwrights.....	17	14	31	3	4	2
Molders.....	28	9	37	27	11	2
Painters, paper hangers, etc.....	236	269	505	143	138	88
Plumbers and pipe fitters.....	139	186	325	32	29	11
Porters.....	161	297	458	118	119	72
Salesmen.....	38	30	68	38	11	2
Sheet metal workers.....	8	4	12	4	6	2
Shoe workers.....	.....	.....	.....	.....	.....	.....
Solicitors.....	8	2	10	53	30	22
Structural iron workers.....	17	4	21	7	8	6
Tailors and garment workers.....	3	2	5	6	1	1
Tinners.....	23	31	54	27	14	8
Waiters.....	206	198	404	119	98	47
Watchmen.....	47	205	252	12	11	6
All others.....	375	428	803	255	207	116
Total.....	9,281	13,132	22,413	11,130	9,743	7,445
FEMALES.						
Bookkeepers, clerks and stenographers.....	161	292	453	116	95	47
Chambermaids.....	97	154	251	162	158	105
Cooks.....	86	229	315	187	137	83
Day workers (including laundresses).....	440	5,219	5,659	4,604	4,352	4,136
Dining room girls.....	.....	.....	.....	50	31	22
Dish washers.....	209	563	772	737	567	449
Factory workers.....	137	244	381	128	112	68
General housework.....	300	356	656	1,066	608	39
Housekeepers.....	63	179	242	92	63	35
Housemaids.....	25	47	72	103	44	24
Laundry hands.....	18	35	53	125	84	63
Nursemaids.....	42	62	104	72	60	30
Pantry girls.....	2	1	3	16	14	11
Salesladies.....	15	9	24	30	18	15
Seamstresses and hand tailors.....	7	12	19	34	16	13
Sewing machine operators.....	1	.....	1	12	15	10
Shoe workers.....	.....	.....	.....	.....	.....	.....
Waitresses.....	127	180	307	260	176	103
All others.....	4	3	7	59	47	31
Total.....	1,734	7,585	9,319	7,873	6,597	5,637
Grand total.....	11,015	20,717	31,732	19,003	16,340	13,082
Per cent males.....	84.3	63.4	70.6	58.6	59.6	55.9
Per cent females.....	15.7	36.6	29.4	41.4	40.4	44.1

TABLE IV—WORK OF THE FREE LABOR EXCHANGES OF OHIO, FOR
THE YEAR ENDING JUNE 30, 1916, BY CITIES AND OCCUPATIONS
—Continued.

CINCINNATI.

Sex and occupation.	New regis- trations.	Renewals.	Total applicants for work.	Help wanted.	Referred to positions.	Reported placed.
MALES.						
Apprentices.....	100	188	288	87	87	43
Auto repair men.....	99	247	346	25	41	13
Blacksmiths.....	133	369	502	68	76	40
Boiler makers.....	40	40	80	11	12	9
Boiler makers' helpers.....	13	6	19	2	2	1
Bookkeepers, clerks and stenographers.....	730	1,629	2,359	89	94	58
Boys (under 18—not apprentices).....	388	843	1,231	492	424	236
Brick and stone masons.....	30	60	90	10	7	6
Buffers and polishers.....	63	246	309	13	17	8
Carpenters.....	566	1,207	1,773	329	375	250
Cement workers.....	30	142	172	10	12	9
Chauffeurs.....	364	946	1,310	22	27	11
Collectors.....	34	100	134	2	2	—
Cooks.....	248	728	976	156	169	80
Day workers.....	27	76	103	341	348	307
Dish washers and pantrymen.....	328	971	1,299	396	413	223
Distributors.....	8	—	8	15	13	11
Drill and punch pressmen.....	139	266	405	46	54	30
Drivers, teamsters and stablemen.....	606	2,021	2,627	117	147	69
Electricians.....	136	297	433	19	22	11
Elevator operators.....	74	230	304	24	31	13
Engineers.....	167	730	897	47	64	35
Factory and shop workers.....	665	1,834	2,499	264	320	163
Farm and dairy hands.....	402	526	927	277	299	158
Firemen.....	369	827	1,196	65	71	41
Gardeners and florists.....	81	292	373	70	72	45
Glass workers.....	—	—	—	—	—	—
Handymen.....	134	520	644	133	158	98
Janitors.....	271	911	1,182	183	220	113
Laborers.....	6,448	10,482	16,930	8,306	8,565	6,922
Laundry workers.....	34	280	314	36	42	16
Machine hands, wood.....	183	478	666	72	83	45
Machinists.....	558	814	1,372	245	301	148
Machinists' helpers.....	55	47	102	5	6	4
Millwrights.....	28	141	169	9	10	8
Molders.....	88	177	265	26	20	7
Painters, paper hangers, etc.....	444	1,359	1,803	154	186	112
Plumbers and pipe fitters.....	158	461	619	20	20	16
Porters.....	478	1,855	2,333	270	331	182
Salesmen.....	294	312	536	9	3	1
Sheet metal workers.....	56	100	156	31	40	13
Shoe workers.....	96	153	249	15	10	3
Solicitors.....	10	30	40	29	19	9
Structural iron workers.....	39	59	98	10	14	7
Tailors and garment workers.....	50	90	140	8	5	2
Tinners.....	88	208	296	41	49	25
Waiters.....	122	370	492	98	105	40
Watchmen.....	102	394	496	9	11	4
All others.....	993	1,873	2,866	333	347	175
Total.....	16,489	35,929	52,418	13,039	13,744	9,826
FEMALES.						
Bookkeepers, clerks and stenographers.....	625	624	1,249	146	214	96
Chambermaids.....	183	133	266	108	110	67
Cooks.....	269	543	812	339	184	90
Day workers (including laundresses).....	866	2,674	3,539	1,369	1,392	1,198
Dining room girls.....	9	3	12	20	13	8
Dish washers.....	281	787	1,068	448	420	276
Factory workers.....	639	640	1,269	566	703	434
General housework.....	502	688	1,190	1,234	503	286
Housekeepers.....	86	60	146	45	36	17
Housemaids.....	86	120	206	120	71	43
Laundry hands.....	92	160	252	128	132	72
Nursemaids.....	60	63	123	77	50	19
Pantry girls.....	45	94	139	48	45	28
Salesladies.....	183	135	318	94	108	81
Seamstresses and hand tailors.....	97	103	200	77	84	47
Sewing machine operators.....	33	21	54	80	73	32
Shoe workers.....	14	13	27	17	19	7
Waitresses.....	161	187	298	293	281	112
All others.....	324	294	618	276	300	162
Total.....	4,494	7,292	11,786	5,615	4,583	3,045
Grand total.....	20,983	43,221	64,204	18,654	18,327	12,871
Per cent males.....	78.6	83.1	81.6	69.9	75.0	76.3
Per cent females.....	21.4	16.9	18.4	30.1	25.0	23.7

TABLE IV—WORK OF THE FREE LABOR EXCHANGES OF OHIO, FOR
THE YEAR ENDING JUNE 30, 1916, BY CITIES AND OCCUPATIONS
—Continued.

CLEVELAND.

Sex and occupation.	New registrations.	Renewals.	Total applicants for work.	Help wanted.	Referred to positions.	Reported placed.
MALES.						
Apprentices.....	76	81	157	34	37	20
Auto repair men.....	130	207	337	65	52	29
Blacksmiths.....	197	320	517	80	80	50
Boiler makers.....	32	49	81	26	15	16
Boiler makers' helpers.....	38	51	89	27	25	14
Bookkeepers, clerks and stenographers.....	900	1,044	1,944	307	279	167
Boys (under 18—not apprentices).....	621	697	1,318	1,812	1,276	741
Brick and stone masons.....	76	177	253	97	92	70
Buffers and polishers.....	55	79	134	11	11	8
Carpenters.....	603	2,080	2,683	346	773	621
Cement workers.....	37	173	210	69	50	46
Chauffeurs.....	323	493	816	43	49	23
Collectors.....	46	45	91	13	12	4
Cooks.....	272	711	983	246	252	208
Day workers.....	97	749	846	5,442	5,594	5,177
Dish washers and pantry men.....	386	887	1,273	1,219	1,251	1,048
Distributors.....	2	27	29	107	100	95
Drill and punch pressmen.....	546	1,174	1,720	214	146	85
Drivers, teamsters and stablemen.....	963	2,666	3,629	1,630	1,527	1,097
Electricians.....	176	281	457	65	64	40
Elevator operators.....	122	435	557	63	83	47
Engineers.....	161	360	521	60	71	40
Factory and shop workers.....	1,274	2,408	3,682	656	625	452
Farm and dairy hands.....	636	623	1,259	888	769	695
Firemen.....	461	1,314	1,775	194	212	139
Gardeners and florists.....	114	311	425	100	116	92
Glass workers.....	.....	3	3	.....	.....	.....
Handymen.....	948	4,302	5,250	1,551	1,632	1,390
Janitors.....	160	562	722	176	189	112
Laborers.....	9,893	22,706	32,599	26,903	19,461	16,534
Laundry workers.....	6	16	22	21	23	17
Machine hands, wood.....	266	441	707	122	81	47
Machinists.....	453	863	1,316	570	388	276
Machinists' helpers.....	485	926	1,411	167	137	97
Millwrights.....	68	124	192	39	34	27
Molders.....	146	209	355	546	94	84
Painters, paper hangers, etc.....	402	1,166	1,568	240	243	175
Plumbers and pipe fitters.....	261	522	783	104	99	82
Porters.....	496	1,580	2,076	518	577	436
Salesmen.....	100	72	172	39	30	23
Sheet metal workers.....	18	33	51	8	9	8
Shoe workers.....	5	3	8	2	.....	.....
Solicitors.....	6	8	14	43	33	26
Structural iron workers.....	30	30	60	12	.....	.....
Tailors and garment workers.....	41	25	66	35	17	15
Tinners.....	77	124	201	55	60	33
Waiters.....	116	176	292	106	113	82
Watchmen.....	255	630	885	89	100	59
All others.....	1,429	2,497	3,926	839	707	520
Total.....	24,006	54,460	78,465	46,599	37,588	31,067
FEMALES.						
Bookkeepers, clerks and stenographers.....	1,179	2,737	3,916	1,313	1,428	839
Chambermaids.....	129	406	535	406	274	128
Cooks.....	257	476	733	722	453	256
Day workers (including laundresses).....	2,262	20,831	23,093	17,041	16,130	15,716
Dining room girls.....	27	221	248	111	78	48
Dish washers.....	334	668	1,002	1,059	656	436
Factory workers.....	719	1,613	2,332	4,219	2,061	1,379
General housework.....	915	1,747	2,662	6,507	2,297	1,259
Housekeepers.....	173	502	675	410	216	93
Housemaids.....	102	286	388	402	208	124
Laundry hands.....	36	186	222	245	98	54
Nursemaids.....	51	193	244	131	87	34
Pantry girls.....	26	100	126	116	70	31
Salesladies.....	280	799	1,079	479	432	207
Seamstresses and hand tailors.....	138	294	432	326	180	106
Sewing machine operators.....	3	27	30	288	20	9
Shoe workers.....	3	2	5	.....	.....	.....
Waitresses.....	258	564	822	497	373	161
All others.....	474	1,161	1,635	1,346	742	466
Total.....	7,366	32,813	40,179	35,618	25,823	21,346
Grand total.....	31,371	87,273	118,644	82,217	63,411	52,413
Per cent males.....	76.5	62.4	66.1	56.7	59.3	59.3
Per cent females.....	23.5	37.6	33.9	43.3	40.7	40.7

TABLE IV.—WORK OF THE FREE LABOR EXCHANGES OF OHIO, FOR
THE YEAR ENDING JUNE 30, 1916, BY CITIES AND OCCUPATIONS
—Continued.

COLUMBUS.

Sex and occupation.	New regis- trations.	Renewals.	Total applicants for work.	Help wanted.	Referred to positions.	Reported placed.
MALES.						
Apprentices.....	68	61	129	20	34	21
Auto repair men.....	17	57	74	9	10	7
Blacksmiths.....	34	37	71	19	18	9
Boiler makers.....	7	13	20	3	3	3
Boiler makers' helpers.....	5	55	60	5	5	4
Bookkeepers, clerks and stenographers.....	292	194	486	25	23	13
Boys (under 18—not apprentices).....	180	196	376	282	242	156
Brick and stone masons.....	3	33	36	8	5	3
Butchers and polishers.....	16	11	27	5	4	4
Carpenters.....	155	554	709	253	245	163
Cement workers.....	17	60	77	15	15	9
Chauffeurs.....	147	192	339	8	7	5
Collectors.....	14	30	54	4	4	1
Cooks.....	29	582	731	130	113	60
Day workers.....	25	1,384	1,409	2,808	2,788	2,682
Dish washers and pantry men.....	109	286	454	324	331	236
Distributors.....	2	6	8	68	66	58
Drill and punch pressmen.....	25	26	51	3	5	2
Drivers, teamsters and stablemen.....	255	656	911	180	173	107
Electricians.....	26	35	61	15	11	6
Elevator operators.....	12	155	167	19	14	6
Engineers.....	133	225	358	42	50	32
Factory and shop workers.....	546	867	1,413	152	162	108
Farm and dairy hands.....	492	529	1,021	490	508	325
Firemen.....	140	455	595	71	83	53
Gardeners and florists.....	17	55	72	9	5	4
Glass workers.....						
Handymen.....	58	253	311	53	47	37
Janitors.....	49	80	129	10	16	9
Laborers.....	2,872	8,353	11,225	7,200	7,003	5,301
Laundry workers.....	4	3	7	4	3	3
Machine hands, wood.....	16	59	75	7	6	3
Machinists.....	108	63	171	76	80	37
Machinists' helpers.....	31	74	105	1	1	1
Millwrights.....	3	13	16			
Molders.....	9	38	47	2	1	
Painters, paper hangers, etc.....	166	479	645	151	131	91
Plumbers and pipe fitters.....	31	73	104	9	8	3
Porters.....	212	894	1,106	160	152	94
Salesmen.....	145	101	246	7	7	5
Sheet metal workers.....	20	36	56	5	6	3
Shoe workers.....	29	46	75	3		
Solicitors.....	8	13	21	14	12	8
Structural iron workers.....	17	45	62	6	8	3
Tailors and garment workers.....	5		5			
Tinners.....	11	9	20	17	7	6
Waiters.....	79	108	187	24	23	20
Watchmen.....	116	156	272	12	9	8
All others.....	653	1,016	1,669	625	559	370
Total.....	7,599	18,685	26,284	13,277	12,994	10,088
FEMALES.						
Bookkeepers, clerks and stenographers.....	177	89	266	43	44	24
Chambermaids.....	76	151	227	126	98	64
Cooks.....	128	536	664	251	182	116
Day workers (including laundresses).....	626	6,921	7,547	6,450	6,455	6,359
Dining room girls.....	6	3	9	41	23	12
Dish washers.....	195	488	683	501	467	370
Factory workers.....	275	204	479	241	245	194
General housework.....	511	1,432	1,943	1,639	914	503
Housekeepers.....	43	75	118	56	23	19
Housemaids.....	26	45	71	35	19	9
Laundry hands.....	14	21	35	45	42	33
Nursemaids.....	47	64	111	31	13	7
Pantry girls.....	10	18	28	75	70	45
Salesladies.....	65	67	132	12	13	8
Seamstresses and hand tailors.....	31	143	174	23	21	21
Sewing machine operators.....	28	35	63	43	37	32
Shoe workers.....		1	1			
Waitresses.....	130	206	336	165	117	66
All others.....	78	80	158	117	97	63
Total.....	2,466	10,582	13,048	9,930	8,890	7,954
Grand total.....	10,065	29,267	39,332	23,207	21,883	18,042
Per cent males.....	75.5	63.8	66.8	57.4	59.4	55.9
Per cent females.....	24.5	36.2	33.2	42.6	40.6	44.1

TABLE IV.—WORK OF THE FREE LABOR EXCHANGES OF OHIO, FOR
THE YEAR ENDING JUNE 30, 1916, BY CITIES AND OCCUPATIONS
—Continued.

DAYTON.

Sex and occupation.	New regis- trations.	Renewals.	Total applicants for work.	Help wanted.	Referred to positions.	Reported placed.
MALES.						
Apprentices.....	237	202	439	164	181	122
Auto repair men.....	58	74	132	9	7	7
Blacksmiths.....	51	52	103	10	7	7
Boiler makers.....	6	5	11	2	4	3
Boiler makers' helpers.....	2	3	5	1	2	1
Bookkeepers, clerks and stenographers.....	568	696	1,264	109	80	62
Boys (under 18—not apprentices).....	53	97	150	167	80	65
Brick and stone masons.....	11	65	76	16	8	8
Buffers and polishers.....	32	38	70	2	1	1
Carpenters.....	270	348	618	196	164	155
Cement workers.....	24	35	59	40	27	24
Chauffeurs.....	231	355	586	42	30	23
Collectors.....	16	7	23	3	2	1
Cooks.....	121	228	349	70	61	44
Day workers.....	65	374	439	1,219	1,205	1,151
Dish washers and pantry men.....	114	281	395	179	160	132
Distributors.....	.....	.....	.....	12	12	12
Drill and punch pressmen.....	278	420	698	18	23	21
Drivers, teamsters and stablemen.....	274	692	966	850	317	262
Electricians.....	95	138	233	31	32	24
Elevator operators.....	25	25	50	36	23	18
Engineers.....	75	76	151	17	17	11
Factory and shop workers.....	680	858	1,538	440	395	341
Farm and dairy hands.....	295	353	648	452	404	336
Firemen.....	124	141	265	18	15	14
Gardeners and florists.....	17	14	31	57	39	34
Glass workers.....	1	1	2	.....	.....	.....
Handymen.....	44	107	151	44	40	36
Janitors.....	150	389	539	119	119	94
Laborers.....	1,880	2,812	4,192	3,708	3,199	2,945
Laundry workers.....	2	2	4	6	4	4
Machine hands, wood.....	88	113	201	18	19	13
Machinists.....	170	35	205	122	109	102
Machinists' helpers.....	739	1,019	1,748	143	164	155
Millwrights.....	25	19	44	10	8	8
Molders.....	65	37	92	18	13	13
Painters, paper hangers, etc.....	202	370	572	112	99	97
Plumbers and pipe fitters.....	61	57	118	10	9	8
Porters.....	191	370	561	156	150	120
Salesmen.....	125	108	233	35	42	31
Sheet metal workers.....	24	36	60	2	3	1
Shoe workers.....	8	1	4	1	1	1
Solicitors.....	12	74	86	39	35	30
Structural iron workers.....	11	2	13	5	5	5
Tailors and garment workers.....	9	6	15	.....	.....	.....
Tinners.....	54	108	162	68	57	46
Waiters.....	48	123	176	38	31	25
Watchmen.....	81	198	279	18	16	12
All others.....	371	272	643	156	114	96
Total	7,543	11,841	19,384	8,474	7,492	6,721
FEMALES.						
Bookkeepers, clerks and stenographers.....	201	213	414	110	101	82
Chambermaids.....	22	34	56	51	37	30
Cooks.....	58	238	296	171	68	51
Day workers (including laundresses).....	296	2,635	2,931	2,264	2,123	2,069
Dining room girls.....	7	8	15	23	11	10
Dish washers.....	64	85	149	125	81	64
Factory workers.....	401	273	674	428	395	359
General housework.....	228	261	489	696	241	164
Housekeepers.....	39	57	96	55	25	21
Housemaids.....	43	71	114	83	43	34
Laundry hands.....	7	2	9	21	13	9
Nursemaids.....	51	55	106	79	37	24
Pantry girls.....	.....	.....	.....	17	11	8
Salesladies.....	74	68	142	58	53	47
Seamstresses and hand tailors.....	30	21	51	18	17	17
Sewing machine operators.....	8	2	10	15	11	10
Shoe workers.....	.....	.....	.....	.....	.....	.....
Waitresses.....	33	34	67	64	36	23
All others.....	85	93	178	122	101	82
Total	1,647	4,150	5,797	4,400	3,404	3,104
Grand total	9,190	15,991	25,181	12,874	10,896	9,825
Per cent males.....	82.1	74.0	77.0	65.8	68.8	68.4
Per cent females.....	17.9	26.0	23.0	34.2	31.2	31.6

TABLE IV—WORK OF THE FREE LABOR EXCHANGES OF OHIO, FOR
THE YEAR ENDING JUNE 30, 1916, BY CITIES AND OCCUPATIONS
—Continued.

TOLEDO.

Sex and occupation.	New regis- trations.	Renewals.	Total applicants for work.	Help wanted.	Referred to positions.	Reported placed.
MALES.						
Apprentices.....	15	32	47	60	36	21
Auto repair men.....	115	226	341	71	79	64
Blacksmiths.....	76	111	187	70	71	53
Boiler makers.....	22	28	50	28	16	14
Boiler makers' helpers.....	34	36	70	47	33	26
Bookkeepers, clerks and stenographers.....	648	601	1,249	275	288	208
Boys (under 18—not apprentices).....	190	281	471	442	341	255
Brick and stone masons.....	39	107	146	54	31	30
Buffers and polishers.....	25	46	71	13	10	9
Carpenters.....	367	411	778	697	488	436
Cement workers.....	38	110	148	98	104	97
Chauffeurs.....	191	236	427	48	54	34
Collectors.....	15	26	41	17	17	14
Cooks.....	372	535	907	390	382	293
Day workers.....	116	195	311	1,148	1,180	1,119
Dish washers and pantrymen.....	420	608	1,026	1,260	1,199	1,046
Distributors.....	14	9	23	517	388	365
Drill and punch pressmen.....	300	352	652	85	77	62
Drivers, teamsters and stablemen.....	508	644	1,152	598	578	455
Electricians.....	81	117	198	35	26	25
Elevator operators.....	83	119	202	63	66	45
Engineers.....	210	232	442	111	119	94
Factory and shop workers.....	957	1,319	2,276	433	329	232
Farm and dairy hands.....	520	522	1,042	775	740	687
Firemen.....	368	488	856	154	186	124
Gardeners and florists.....	43	64	107	68	80	75
Glass workers.....	15	6	21	2	2	2
Handymen.....	417	663	1,080	1,307	1,232	1,105
Janitors.....	116	191	307	57	51	37
Laborers.....	7,515	13,184	20,699	17,366	13,075	11,745
Laundry workers.....	14	16	30	25	21	18
Machine hands, wood.....	73	105	178	57	60	38
Machinists.....	399	350	749	242	209	154
Machinists' helpers.....	134	106	240	66	39	23
Millwrights.....	24	39	63	10	8	5
Molders.....	68	84	152	140	24	20
Painters, paper hangers, etc.....	424	467	891	367	325	287
Plumbers and pipe fitters.....	136	187	323	84	84	64
Porters.....	388	699	1,087	356	344	260
Salesmen.....	93	108	201	155	93	75
Sheet metal workers.....	35	33	68	95	71	62
Shoe workers.....	5	1	6	4	2	2
Solicitors.....	17	14	31	131	67	57
Structural iron workers.....	48	57	105	35	23	14
Tailors and garment workers.....	29	24	53	19	16	13
Tinners.....	18	24	42	15	11	9
Waiters.....	202	285	487	155	138	103
Watchmen.....	149	285	434	48	64	36
All others.....	826	578	1,404	883	711	646
Total.....	16,912	24,959	41,871	29,176	23,588	20,664
FEMALES.						
Bookkeepers, clerks and stenographers.....	286	152	438	256	258	139
Chambermaids.....	145	123	268	276	212	168
Cooks.....	74	69	143	166	103	75
Day workers (including laundresses).....	311	1,852	2,163	2,118	2,005	2,000
Dining room girls.....	47	30	77	111	52	43
Dish washers.....	220	228	457	603	417	361
Factory workers.....	227	155	382	798	336	270
General housework.....	279	226	505	1,132	492	291
Housekeepers.....	107	83	190	146	120	77
Housemaids.....	41	30	71	94	58	35
Laundry hands.....	21	23	44	56	31	25
Nursemaids.....	17	16	33	15	13	11
Pantry girls.....	17	22	39	46	35	31
Salesladies.....	33	21	54	110	43	38
Seamstresses and hand tailors.....	33	21	54	38	30	25
Sewing machine operators.....	21	4	25	78	21	17
Shoe workers.....		1	1	1	1	1
Waitresses.....	72	64	136	165	108	104
All others.....	178	96	274	292	200	174
Total.....	2,138	3,216	5,354	6,501	4,538	3,885
Grand total.....	19,050	28,175	47,225	35,677	28,126	24,549
Per cent males.....	88.8	88.6	88.7	81.8	83.9	84.2
Per cent females.....	11.2	11.4	11.3	18.2	16.1	15.8

TABLE IV—WORK OF THE FREE LABOR EXCHANGES OF OHIO, FOR
THE YEAR ENDING JUNE 30, 1916, BY CITIES AND OCCUPATIONS.
—Concluded.

YOUNGSTOWN.

Sex and occupation.	New registrations.	Renewals.	Total applicants for work.	Help wanted.	Referred to positions.	Reported placed.
MALES						
Apprentices.....	15	5	20	18	10	10
Auto repair men.....	25	26	51	18	19	12
Blacksmiths.....	93	53	146	73	79	53
Boiler makers.....	69	58	127	79	94	68
Boiler makers' helpers.....	41	19	60	43	43	30
Bookkeepers, clerks and stenographers.....	578	635	1,213	306	392	224
Boys (under 18—not apprentices).....	188	412	600	128	128	83
Brick and stone masons.....	63	30	93	99	60	50
Buffers and polishers.....						
Carpenters.....	219	216	435	334	237	182
Cement workers.....	12	9	21	29	25	25
Chauffeurs.....	114	142	256	27	44	16
Collectors.....	16	23	39	4	6	4
Cooks.....	64	80	144	41	36	18
Day workers.....	19	52	71	812	775	765
Dish washers and pantry men.....	11	8	19	26	26	20
Distributors.....		2	2	109	111	95
Drill and punch pressmen.....	73	71	144	65	73	52
Drivers, teamsters and stablemen.....	268	315	583	204	210	146
Electricians.....	161	148	309	122	142	103
Elevator operators.....	8	3	11	5	4	1
Engineers.....	148	158	306	136	131	89
Factory and shop workers.....	266	250	516	429	517	371
Farm and dairy hands.....	185	279	464	237	239	184
Firemen.....	109	125	234	57	69	37
Gardeners and florists.....	13	34	47	13	11	8
Glass workers.....						
Handymen.....	136	263	399	199	193	152
Janitors.....	47	82	129	22	28	18
Laborers.....	3,009	3,769	6,778	5,243	4,142	3,827
Laundry workers.....	14	12	26	24	24	21
Machine hands, wood.....	1	3	4	1	1	
Machinists.....	301	193	494	249	249	193
Machinists' helpers.....	112	176	288	37	35	30
Millwrights.....	26	33	59	10	19	13
Molders.....	30	18	48	16	16	9
Painters, paper hangers, etc.....	76	73	149	36	38	34
Plumbers and pipe fitters.....	240	262	502	214	274	174
Porters.....	89	92	181	49	50	32
Salesmen.....	50	55	105	33	42	20
Sheet metal workers.....	4		4			
Shoe workers.....						
Solicitors.....				27	7	2
Structural iron workers.....	24	13	37	19	18	10
Tailors and garment workers.....						
Tinners.....	2		2			
Waiters.....	28	24	52	17	17	12
Watchmen.....	54	212	266	19	25	19
All others.....	831	676	1,507	776	690	514
Total.....	7,832	9,109	16,941	10,405	9,349	7,726
FEMALES.						
Bookkeepers, clerks and stenographers.....	204	129	333	116	161	77
Chambermaids.....	52	55	107	62	69	31
Cooks.....	39	105	144	102	69	62
Day workers (including laundresses).....	449	2,883	3,332	2,185	2,139	2,129
Dining room girls.....	6	1	7	15	11	8
Dish washers.....	31	24	55	96	62	54
Factory workers.....	20	10	30	39	37	20
General housework.....	267	157	424	563	418	244
Housekeepers.....	29	33	62	40	28	14
Housemaids.....	11	10	21	16	11	7
Laundry hands.....	23	28	51	36	31	22
Nursemaids.....	21	16	37	36	36	15
Pantry girls.....	1		1	1		
Salesladies.....	1		1	2	2	2
Seamstresses and hand tailors.....	12	3	15	5	1	1
Sewing machine operators.....						
Shoe workers.....						
Waitresses.....	44	19	63	63	69	29
All others.....	33	18	51	44	44	32
Total.....	1,243	3,491	4,734	3,421	3,188	2,745
Grand total.....	9,075	12,600	21,675	13,826	12,537	10,471
Per cent males.....	86.3	72.3	78.2	75.3	74.6	73.8
Per cent females.....	13.7	27.7	21.8	24.7	25.4	26.2

TABLE V—OCCUPATION OF PERSONS REPORTED PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS.

SUMMARY FOR THE SEVEN OFFICES.

Sex and occupation.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	Total.
MALES.													
Apprentices.....	11	18	10	20	24	17	27	40	18	27	27	15	254
Auto repair men.....	12	6	17	13	7	6	13	9	9	17	18	9	186
Blacksmiths.....	19	10	21	17	19	12	33	17	19	23	16	11	217
Boiler makers.....	1	10	8	10	16	6	7	13	10	9	10	6	113
Boiler makers' helpers.....	2	6	3	10	12	2	4	6	4	2	13	13	77
Bookkeepers, clerks and stenographers.....	40	47	87	71	44	79	68	54	54	61	87	71	763
Boys under 18—not apprenticed.....	100	89	168	206	161	126	168	155	161	94	69	140	1,617
Brick and stone masons.....	13	16	37	12	42	18	18	8	9	12	7	3	195
Buffets and polishers.....		4	2	6	4	3	1	1	3	3	1	2	30
Carpenters.....	254	264	357	238	312	148	79	77	81	115	141	109	2,076
Cement workers.....	31	20	20	42	25	14	6	5	18	18	12	9	221
Chauffeurs.....	10	11	8	7	11	8	10	8	18	12	12	8	123
Collectors.....	2	1	2	5	4	16	10	8	2	2	2	2	34
Cooks.....	50	53	65	57	68	52	47	61	83	66	83	96	751
Day workers.....	427	535	743	1,274	953	667	344	398	870	1,832	3,394	1,050	12,517
Dish washers and pantry men.....	84	125	133	130	121	122	129	200	416	405	589	457	2,912
Distributors.....	64	16	32	113	103	92	34	42	37	81	25	35	675
Drill and punch pressmen.....	21	27	22	31	15	31	15	38	16	21	34	11	260
Drivers, teamsters, stablemen.....	93	110	219	180	209	189	203	250	272	237	225	197	2,384
Electricians.....	5	9	22	31	25	40	16	18	11	14	20	15	225
Elevator operators.....	7	13	12	6	15	8	6	12	13	17	14	18	141
Engineers.....	31	44	83	23	25	36	13	26	26	25	15	26	354
Factory and shop workers.....	42	49	177	160	95	120	119	177	249	165	196	197	1,745
Farm and dairy hands.....	393	184	427	475	251	63	65	79	145	181	193	226	2,650
Firemen.....	17	9	36	23	39	64	55	36	51	43	40	24	425
Gardeners and florists.....	14	6	19	25	17	1	1	5	14	69	76	27	272
Glass workers.....													
Handymen.....	57	117	171	2	93	155	184	300	245	500	468	412	2,844
Painters.....	80	23	33	26	20	30	28	49	30	50	29	40	420
Laundry workers.....	3,204	4,386	6,121	5,878	5,109	3,353	2,783	3,083	4,190	4,444	4,544	4,735	51,367
Machine bands, wood.....	1	18	4	3	5	3	18	18	7	1	14	10	133
Machinists.....	9	17	11	20	19	16	13	10	10	8	16	7	169
Machinists' helpers.....	110	108	89	74	74	94	76	60	102	48	73	52	933
Milwrights.....	31	20	7	9	8	31	16	12	23	36	77	52	319
Molders.....	2	1	6	1	3	2	8	10	3	1	11	5	133
Painters, paper hangers, etc.....	55	46	12	12	13	30	45	10	59	19	13	115	135
Plumbers and pipe fitters.....	53	17	34	39	23	35	25	25	16	32	149	115	584
										10	84	49	358

Porters.....	65	78	58	82	85	68	77	90	119	188	172	184	1,196
Salemen.....	22	14	16	20	12	18	7	11	10	12	2	12	166
Sheet metal workers.....	3	1	6	54	5	1	0	2	2	2	4	4	90
Shoe workers.....	16	13	14	19	16	36	5	15	4	2	8	11	154
Soldiers.....	6	3	3	7	1	4	5	8	1	2	6	5	43
Structural iron workers.....	17	12	8	7	10	3	11	10	1	4	9	5	38
Tailors and garment workers.....	17	13	6	7	10	3	11	10	1	4	9	5	187
Tinners.....	33	24	25	15	19	26	23	28	27	34	11	17	320
Walters.....	7	10	12	8	14	9	11	9	15	14	14	15	143
Watchmen.....	222	187	211	202	313	162	164	187	274	102	160	193	2,437
All others.....													
Total.....	5,602	6,784	9,605	9,410	8,584	6,074	4,985	5,643	7,747	9,144	11,205	8,764	98,837
FEMALES.													
Bookkeepers, clerks and sten- ographers.....	59	77	85	140	78	88	154	180	183	99	129	142	1,914
Chambermaids.....	32	40	41	42	48	42	71	45	51	40	38	63	593
Cooks.....	76	59	60	45	71	68	71	45	64	55	43	75	783
Day workers (including laun- dresses).....	1,486	1,828	2,497	2,199	2,287	2,194	2,754	2,492	3,223	3,990	4,552	4,181	33,607
Dining room girls.....	19	6	25	12	15	8	20	9	9	13	5	10	151
Dish washers.....	149	148	225	208	179	160	156	173	173	143	132	165	2,098
Factory workers.....	186	282	351	261	320	193	244	227	260	145	150	154	2,724
General housework.....	314	333	333	307	283	262	257	224	260	160	207	208	3,138
Housekeepers.....	23	29	32	26	27	22	20	15	27	19	25	15	276
Housemaids.....	11	12	20	24	17	20	26	19	27	19	22	49	276
Laundry hands.....	23	15	28	19	16	24	33	29	23	25	20	23	277
Nurses.....	12	15	12	12	14	11	12	13	7	8	7	15	140
Pastry girls.....	11	9	16	11	3	11	14	19	22	10	15	13	124
Salesladies.....	19	22	34	48	62	73	9	20	25	18	17	20	368
Seamstresses and hand tailors.....	15	10	17	21	22	12	36	25	18	15	23	16	230
Sewing machine operators.....	7	10	25	15	5	3	3	10	10	6	7	4	110
Shoe workers.....													8
Waitresses.....	53	59	57	45	59	46	46	58	60	35	45	43	600
All others.....	39	39	74	64	94	79	85	101	128	100	113	93	1,009
Total.....	2,532	2,997	3,950	3,517	3,566	3,321	4,011	3,654	4,452	4,874	5,550	5,292	47,716

AKRON.

MALES.													
Apprentices.....		4	1	5	2	3				1	1		17
Auto repair men.....		1	2										4
Backsmiths.....	1	1	2					1				1	5
Baker makers.....													
Boiler makers' helpers.....													
Bookkeepers, clerks and sten- ographers.....	1	1	2	3	5		5	2	1	2	4	6	32
Boys (under 16—not apprent.).....	4	5	8	5	5	11	16	8	8	3	4	8	81
Brick and stone masons.....	2	7	7	1	5	4	4	3		2			28

TABLE V—OCCUPATION OF PERSONS REPORTED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS.

SUMMARY FOR THE SEVEN OFFICES.

Sex and occupation.	July.	August.	Sep- tember.	Octo- ber.	Novem- ber.	Decem- ber.	January.	Feb- ruary.	March.	April.	May.	June.	Total.
MALES.													
Apprentices.....	11	18	10	20	24	17	27	40	18	27	27	15	254
Auto repair men.....	12	6	17	13	7	6	13	9	9	17	18	15	136
Blacksmiths.....	19	10	21	17	19	12	33	17	19	23	16	11	217
Boiler makers.....	1	10	8	17	16	6	7	13	10	9	10	6	113
Bookkeepers, clerks and sten- ographers.....	2	6	3	10	12	2	4	6	4	2	13	13	77
Boys (under 18—not apprent.)	40	47	87	71	44	70	68	54	54	61	87	71	763
Brick and stone masons.....	100	89	153	205	161	126	168	155	151	94	69	140	1,617
Butchers.....	13	16	37	12	42	18	18	8	8	12	7	3	195
Buffets and polishers.....	4	4	2	6	4	3	1	1	3	3	1	2	30
Carpenters.....	165	254	337	238	312	148	70	77	81	115	141	109	2,076
Cement workers.....	31	20	20	42	25	14	6	5	5	18	31	9	221
Chauffeurs.....	10	11	8	7	11	8	10	8	18	12	12	8	123
Collectors.....	2	1	2	5	4	16	10	8	2	2	2	34	34
Cooks.....	50	53	65	57	68	52	47	61	83	66	83	96	781
Day workers.....	427	535	743	1,274	953	667	344	398	870	1,862	3,394	1,050	12,517
Dish washers and pantry men.....	84	125	133	130	121	122	129	200	416	409	589	457	2,912
Distributors.....	64	16	32	113	103	92	34	42	35	37	26	37	675
Drill and punch pressmen.....	21	27	22	10	14	31	15	38	16	21	34	11	260
Drivers, teamsters, stablemen.....	93	110	219	180	209	189	203	250	272	237	225	197	2,384
Electricians.....	5	9	22	31	25	40	15	18	11	14	20	15	225
Elevator operators.....	7	13	12	6	15	8	6	12	13	17	14	18	141
Engineers.....	31	44	33	23	25	36	13	26	26	26	15	26	354
Factory and shop workers.....	42	49	177	160	95	120	119	177	249	165	196	197	1,746
Farm and dairy hands.....	383	184	427	475	251	68	65	79	148	181	193	226	2,680
Firemen.....	17	9	36	23	39	64	55	36	51	31	40	24	425
Gardeners and florists.....	14	6	19	25	17	1	1	5	14	69	76	27	278
Glass workers.....				2									2
Handymen.....	57	117	171	101	93	156	184	260	245	500	468	412	2,854
Painters.....	39	23	33	26	20	30	28	30	49	50	39	40	407
Laundry workers.....	3,204	4,396	6,121	5,378	5,199	3,353	2,783	3,088	4,190	4,444	4,544	4,735	51,385
Machine hands, wood.....	1	18	4	3	5	3	8	8	8	1	14	10	83
Machinists.....	9	17	11	20	19	16	13	10	7	6	16	5	149
Machinists' helpers.....	110	108	89	74	71	94	78	60	102	48	75	74	983
Millwrights.....	31	20	7	3	3	31	17	13	23	37	77	52	319
Molders.....	2	1	6	7	8	2	8	5	9	3	11	6	63
Painters, paper hangers, etc.....	56	49	15	12	13	35	8	10	8	12	13	18	135
Plumbers.....	5	5	84	86	78	44	45	36	56	82	149	116	884
Plumbers and pipe fitters.....	52	17	34	36	22	36	25	25	16	10	34	49	358

Porters.....	65	78	58	62	85	68	77	90	119	138	172	184	1,196
Salemen.....	22	14	16	20	12	18	7	11	10	12	2	12	156
Sheet metal workers.....	8	1	6	54	5	1	6	2	2	2	4	4	90
Shoe workers.....	15	13	14	18	16	35	5	15	4	2	8	11	154
Solicitors.....	2	4	3	2	1	4	5	8	1	2	6	4	45
Structural iron workers.....	6	2	6	7	10	8	11	10	5	10	9	3	83
Tailors and garment workers.....	17	13	8	10	10	25	23	20	27	34	41	17	127
Tinners.....	33	24	25	15	19	9	11	9	15	16	14	35	329
Writers.....	7	16	12	8	14	10	164	157	274	162	160	12	143
Watchmen.....	223	187	211	202	313	162	164	157	274	162	160	193	2,437
All others.....													
Total.....	5,602	6,784	9,605	9,410	8,584	6,074	4,985	5,948	7,747	9,144	11,205	8,754	93,537
FEMALES.													
Bookkeepers, clerks and stenographers.....	59	77	85	140	78	88	154	130	133	99	120	142	1,314
Chambermaids.....	33	49	41	62	58	42	71	45	51	40	28	63	593
Cooks.....	75	59	69	45	71	68	64	45	64	55	43	75	733
Day workers (including laundresses).....	1,486	1,823	2,497	2,190	2,237	2,194	2,764	2,462	3,223	3,969	4,552	4,181	33,907
Dining room girls.....	19	6	25	12	15	8	20	9	9	13	5	10	151
Dish washers.....	149	148	225	206	178	160	150	173	173	143	132	105	2,008
Factory workers.....	186	282	351	261	339	193	244	227	200	145	150	156	2,724
General housework.....	314	333	333	307	253	262	257	224	250	160	207	208	3,138
Housekeepers.....	22	29	32	26	27	22	20	15	27	16	25	15	276
Housemaids.....	11	12	29	24	17	20	20	19	28	19	22	49	276
Laundry hands.....	22	15	28	19	10	24	33	20	23	25	20	23	277
Nursemaids.....	12	15	12	12	14	13	12	13	7	8	7	7	140
Pantry girls.....	11	9	16	11	3	11	14	19	22	10	15	13	154
Salesladies.....	19	22	34	48	65	73	9	20	25	16	17	20	268
Seamstresses and hand tailors.....	15	10	17	21	22	12	38	25	18	15	23	16	230
Sewing machine operators.....	7	10	25	15	5	3	8	10	10	6	7	4	110
Shoe workers.....	53	59	57	45	4	49	48	58	60	35	45	1	8
Waitresses.....	39	39	74	64	94	79	85	101	128	100	113	93	600
All others.....													1,009
Total.....	2,532	2,997	3,950	3,517	3,568	3,321	4,011	3,654	4,452	4,874	5,560	5,292	47,716

AKRON.

MALES.													
Apprentices.....	4	1	1	5	2	3				1	1	1	17
Auto repair men.....	1	2	2									1	4
Backsmiths.....												1	5
Boiler makers.....													
Boiler makers' helpers.....													
Bookkeepers, clerks and stenographers.....	1	2	3	3	5	11	5	2	1	2	4	6	32
Boys (under 18—not apprent.).....	4	8	5	5	5	4	16	8	8	3	8	8	81
Brick and stone masons.....	2	7	1	1	5	4	4	3		2			28

TABLE V—OCCUPATION OF PERSONS REPORTED PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS—Continued.
AKRON—Continued.

Sex and Occupation.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	Total.
Buffets and polishers	14	33	44	40	34	21	3	2	14	22	21	15	269
Carpenters	1	3	3	1	3	1	2		3	1	1	1	11
Cement workers		4		1	1								10
Chauffeurs													69
Collectors	7	7	9	4	1	9	5	8	8	3	7	6	1316
Cooks	51	71	72	100	77	39	39	58	116	214	353	126	282
Day workers	12	15	24	14	13	12	12	10	27	17	18	28	39
Dish washers and pantry men			4	4	4	4	13	2		7	2	1	1
Distributors													8
Drill and punch pressmen		1			2			3	2				248
Drivers, teamsters, stablemen	4	1	30	30	16	20	28	36	28	21	18	21	16
Electricians					6	1	1	1	1	2	1	1	11
Elevator operators					1	1	1	2	2	1	3	4	23
Engineers					2	2	7	13	8	4	3	3	78
Factory and shop workers	16	1	1	3	2	2	11	8	22	21	20	29	295
Farm and dairy hands	44	36	39	45	18	10	3	3	3	3	1	2	17
Firemen	1		2	2	1		3		1	3	4	2	15
Gardeners and florists				3									36
Glass workers	3			7	2		5	2	1	6	2	1	24
Handymen	11	1		1	1		2						569
Janitors	118	376	505	423	463	228	294	228	284	270	353	4	4,111
Laundry workers			2					1	1				4
Machine hands, wood					1			6			3	4	73
Machinists	5	11	7	9	12	11	5	1					4
Machinist's helpers			2			1	1				1		2
Millwrights													88
Molders		1					1	1	8	12	11	14	11
Painters, paper hangers, etc.	7	5	6	3	11		4	7	1				22
Plumbers and pipe fitters	1	1	3	1	1			1	2	9	11	11	72
Porters	4	4	6	4	4	1	5	6	2			1	2
Salesmen									1				2
Sheet metal workers					1								22
Shoe workers				8	1	3	2		1				6
Solicitors	2		5	4								1	1
Structural iron workers			1										8
Tailors and garment workers													47
Tinners					2		1	2	4	1	1	1	6
Toners	4	4	2	1	4	8	6	7	1				116
Waiters		1	1		1								
Watchmen		1	1		1								
Watchmen	4	21	8	4	5	5	4	10	18	6	10	18	
All others													
Total	318	610	803	744	708	427	464	433	567	639	852	880	7,446

FEMALES.

Bookkeepers, clerks and stenographers.....	5	9	7	2	1	3	4	2	5	3	3	3	47
Chambermaids.....	4	12	6	18	14	8	7	8	10	5	6	7	105
Cooks.....	7		7	9	12	20	9	5	3	2	1	1	83
Day workers (including laundresses).....	123	338	316	278	294	282	361	334	432	444	493	441	4,136
Dining room girls.....	4		3	3	5		4	1		1			22
Dish washers.....	27	47	67	56	44	50	30	41	45	17	12	13	449
Factory workers.....	10	14	11	14	8	3	5	3	2	1		7	68
General housework.....	29	54	52	59	34	46	23	19	23	17	15	21	392
Housekeepers.....	1	3	2	4	5	4	3	2	5		1	2	35
Housemaids.....	5		12	3	8	9	7	2	6		2	2	24
Laundry hands.....	1		1	3	3	6	4	2	1		2	1	63
Nursemaids.....		2	1	1	1	2	2	4			4		30
Sanitary girls.....			1	3	1	5			1				11
Salesladies.....			1	1	1	2	5	3		1			15
Seamstresses and hand tailors.....				4	1				1		1		13
Sewing machine operators.....				1	1								10
Shoe workers.....	6	13	24	4	10	12	8	13	6	7			103
Waitresses.....	1	4	1	2	3	4	2	7	1	1	1	4	31
All others.....													
Total.....	223	509	511	472	448	463	474	447	543	502	542	503	5,637

CINCINNATI.

MALES.

Apprentices.....	4	3			1	4	11	6	6	5	1	2	43
Auto repair men.....			1			2	1		1	1	4	3	13
Blacksmiths.....	1	5	1	3	1	2	4	7	6	4	6	5	40
Boiler makers.....						2						2	9
Boiler makers' helpers.....	1		4	1		11	4	8	4	5	3	8	58
Bookkeepers, clerks and stenographers.....	17	7	11	33	22	12	42	24	24	11	12	21	236
Boys (under 18—not apprent.).....	1					2	2				2	1	8
Brick and stone masons.....	1	2	29	31	55	26	17	10	13	23	6	11	250
Buff and polishers.....	13	16	2			1	3	2	1	4	2	1	9
Carpenters.....	2									1	1		11
Cement workers.....													
Chauffeurs.....													
Cooks.....	9	5	8	11	7	6	2	3	7	5	9	8	80
Day workers.....	13	10	15	12	17	9	10	3	11	62	102	43	307
Dish washers.....	14	13	11	13	12	9	9	12	22	21	50	42	228
Distributors.....					2			8		1		1	11
Drill and punch pressmen.....	2		4	2	4	6	4	2	8	8	3	1	30
Drivers, teamsters, stablemen.....	3	1	6	3	3	1	7	4	8	7	7	13	69
Electricians.....		1	1	2	1	1	1		4	1	1	4	11
Elevator operators.....										3	5	1	13
Engineers.....	4	2	2		1	4	5	7	3	1	2	4	35

TABLE V—OCCUPATION OF PERSONS REPORTED PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS—Continued.

CINCINNATI—Continued.

Sex and occupation.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	Total.
Factory and shop workers.....	2	2	11	9	11	10	3	13	31	18	29	24	163
Farm and dairy hands.....	18	6	22	19	16	6	14	13	16	8	17	3	158
Firemen.....	5	2	1	3	2	8	8	5	3	1	3	8	41
Gardeners and florists.....								4	5	11	11	4	45
Glass workers.....													
Handymen.....		4	7	12		2	1	15	19	11	14	13	98
Janitors.....	8	2	8	4	6	7	4	17	23	17	17	6	113
Laborers.....	375	834	963	762	715	350	373	295	739	693	498	325	6,922
Laundry workers.....	1	1	2	1	1		1	3	4	2	2	1	16
Machine hands, wood.....	2	4	5	4	6	1	9	3	3	2	4	4	45
Machinists.....	41	25	20	7	1	4	7	6	12	9	4	12	148
Machinists' helpers.....										1			4
Millwrights.....		1		1	1	1		1			1	2	8
Molders.....	3		1	1				2					7
Painters, paper hangers, etc.....	7	4	8	8	16	10	7	10	7	9	15	11	112
Plumbers and pipe fitters.....	2	2	3	1	1	1	4	4	2	1	1		16
Porters.....	13	12	12	8	10	7	8	14	33	17	22	26	182
Salesmen.....													
Sheet metal workers.....	3						4	2	1	1	3	1	13
Shoe workers.....		1	1								2		3
Solicitors.....	2		1		3		1	2	1		1	3	9
Structural iron workers.....													
Tailors and garment workers.....	1	3		1	1	3	1	1	3		2	2	25
Tinners.....	12			3	4	4	2	1	3	3	11	4	40
Waters.....	3	1	2	3			2				1		4
Watchmen.....	14	12	8	28	12	17	13	18	11	10	20	12	175
All others.....													
Total.....	596	990	1,170	965	925	528	583	514	1,029	977	892	637	9,826
FEMALES.													
Bookkeepers, clerks and stenographers.....			1	6	5	5	22	6	11	9	27	4	96
Chambermaids.....	2	5	2	11	3	3	7	6	3	12	9	4	67
Cooks.....	8	5	7		5	4	11	7	11	10	9	12	90
Day workers (including laundresses).....	63	62	72	56	63	85	104	82	136	151	177	147	1,198
Darning room girls.....	2	1					1		1				2
Dish washers.....	26	18	21	23	30	23	25	28	29	22	10	7	276
Factory workers.....	23	33	49	21	22	26	32	31	41	23	30	35	484
General housework.....	28	14	9	11	22	26	34	31	28	24	33	23	286

Housekeepers.....	1	1	1	2	1	7	4	2	2	7	1	17
Housenails.....	2	1	1	2	2	16	9	4	9	6	6	43
Laundry hands.....	1	4	1	1	3	8	2	8	9	3	3	72
Nursemaids.....	2	1	1	3	4	2	5	5	2	5	5	19
Pantry girls.....	3	1	1	7	19	1	5	3	2	2	2	28
Salesladies.....	3	1	2	2	4	12	8	8	1	4	4	51
Seamstresses and hand tailors.....	4	1	1	2	2	8	5	5	3	3	3	47
Sewing machine operators.....	7	12	4	8	11	2	9	1	10	12	8	32
Shoe workers.....	1	8	2	5	19	12	14	25	23	24	19	112
Waitresses.....	1	7	2	5	1	12	14	1	1	1	1	162
All others.....	186	164	169	213	252	304	362	327	335	381	286	3,045
Total.....	186	164	169	213	252	304	362	327	335	381	286	3,045

CLEVELAND.

Apprentices.....	1	1	3	1	1	2	5	1	3	4	1	20
Auto repair men.....	2	1	3	1	1	6	4	2	7	1	2	29
Blacksmiths.....	2	1	8	3	3	11	5	4	5	6	2	50
Boiler makers.....	1	1	1	1	1	1	2	1	4	8	1	16
Bookkeepers, clerks and stenographers.....	6	11	12	11	11	8	11	8	19	27	24	167
Boys (under 18—not apprent.).....	58	44	75	60	52	78	69	61	52	31	32	741
Brick and stone masons.....	3	3	20	17	5	4	4	6	6	3	8	70
Buffets and polishers.....	2	2	1	1	1	1	1	1	1	1	1	8
Carpenters.....	62	97	83	91	42	32	22	19	35	54	41	621
Cement workers.....	1	5	3	2	2	1	1	4	12	20	4	46
Chaufeurs.....	1	1	2	1	2	1	1	1	7	2	1	23
Cooks.....	12	4	1	10	5	13	12	35	30	32	46	208
Collectors.....	157	187	299	424	346	114	153	412	730	1,427	373	5,177
Day workers.....	4	9	18	12	9	20	4	151	218	322	233	1,048
Dish washers and pantry men.....	2	2	2	53	13	6	4	6	6	6	9	96
Distributors.....	5	5	3	2	4	8	16	3	6	28	9	85
Drill and punch pressmen.....	26	49	80	104	63	77	113	138	141	115	106	1,097
Drivers, teamsters, stablemen.....	2	2	4	5	9	7	3	1	5	5	2	40
Electricians.....	2	1	4	2	5	2	2	5	9	6	9	47
Elevator operators.....	2	4	2	4	3	2	4	5	4	4	3	40
Engineers.....	1	3	5	2	3	16	27	52	44	61	80	452
Factory and shop workers.....	12	18	54	27	45	16	27	41	85	77	99	886
Farm and dairy hands.....	83	42	59	29	15	15	17	23	16	10	9	139
Firemen.....	2	2	4	12	21	18	11	1	30	27	14	92
Frien.....	4	2	6	1	1	1	1	1	1	1	1	1
Gardeners and florists.....	4	2	6	7	1	1	1	1	1	1	1	1
Glass workers.....	9	30	42	41	15	98	96	112	324	314	279	1,390
Handymen.....	12	15	11	10	10	7	9	4	10	9	10	112
Janitors.....	1,253	1,545	1,787	1,553	1,081	982	1,102	1,022	1,286	1,612	1,788	16,634
Laborers.....	2	7	5	8	9	2	3	2	1	8	6	17
Laundry workers.....	2	7	5	6	9	3	1	2	1	1	3	47
Machine hands, wood.....	5	5	11	9	7	16	28	60	11	61	49	276
Machinists.....	5	5	11	9	7	16	28	60	11	61	49	276

TABLE V—OCCUPATION OF PERSONS REPORTED PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS—Continued.

CLEVELAND—Concluded.

Sex and occupation.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	Total.
Machinist helpers.....	2	1	2	1	4	5	5	1	4	22	50	5	97
Millwrights.....				2			2	2	8	2	7	4	27
Molders.....			9	2	9	26	26	6	2	11	10	5	84
Painters, paper hangers, etc.....	14	11	16	10	5	5	4	4	12	7	46	23	175
Painters and pipe fitters.....	5	6	8	8	10	11	4	6		2	22	3	82
Pipers.....	20	19	10	17	27	13	26	28	42	62	79	93	436
Salesmen.....	4	5	1	4	2	1	1	1	2	3		2	23
Sheet metal workers.....			1	1						1			8
Shoeworkers.....													
Solicitors.....			3	2	6	2					6	7	26
Structural iron workers.....													
Tailors and garment workers.....	2	1	5	3	1	3	1	3	1	3	9	2	15
Tinners.....	3	9	5	5	2	1	3	2	2	3	2	8	33
Waiters.....	6	8	2	3	1	6	4	1	3	16	18	15	82
Watchmen.....									2	12	7	7	50
All others.....	18	28	25	32	78	29	40	24	66	60	70	50	520
Total.....	1,791	2,180	2,694	2,712	2,698	1,906	1,623	1,833	2,316	3,306	4,631	3,476	31,067
FEMALES.													
Bookkeepers, clerks and stenographers.....	2	3	5	5	10	6	10	12	18	11	15	13	110
Chambermaids.....	6	7	14	14	13	16	10	11	10	3	6	27	128
Cooks.....	16	13	27	14	20	16	24	14	26	26	19	36	256
Day workers (including laundresses).....	697	735	1,122	1,084	1,019	980	1,235	1,187	1,563	1,873	2,102	2,119	15,716
Dining room girls.....	31	17	46	22	32	22	31	33	26	37	39	4	48
Dish washers.....	26	53	25	36	32	34	31	33	29	37	39	65	436
Factory workers.....	28	26	25	26	65	18	21	23	22	17	29	17	356
General housework.....	50	72	74	82	62	54	56	42	53	40	57	42	686
Housekeepers.....	10	12	15	14	7	2	8	8	7	2	6	5	92
Housemaids.....	9	6	12	10	7	2	6	6	8	4	9	37	124
Laundry hands.....	2	4	3	6	1	2	3	4	2	2		10	34
Nursemaids.....	2	1	3	1	1	2	3	4	1	2	4	5	34
Pantry girls.....	4	1	7	3				2	1	1	1	5	31
Salesladies.....			1		15	4	12	1	2	4	1	5	27
Seamstresses and hand tailors.....	7	9	3	11				1	7	8	14	5	106
Sewing machine operators.....								5	3	1			9
Shoeworkers.....	6	6	5	6	9	3	6	3	5			5	40
Waitresses.....	21	10	19	24	45	25	28	47	50	33	39	29	370
All others.....													
Total.....	906	965	1,361	1,326	1,308	1,180	1,472	1,417	1,820	2,074	2,348	2,440	19,047

VOCATIONAL GUIDANCE.

Domestics.....	60	71	76	46	54	28	40	42	41	23	28	55	573
Factory.....	89	138	123	82	86	82	95	77	98	11	63	49	1,023
Store.....	8	11	23	24	37	29	6	12	12	4	3	4	180
Office.....	30	43	47	103	45	37	86	85	65	40	60	88	729
Restaurant.....	2	8	6	10	7	5	9	8	16	5	14	8	98
Institution.....	2	4	13	8	4	8	8	10	9	10	11	9	96
Total.....	200	275	288	273	232	189	244	234	241	131	179	213	2,699
Grand total females.....	1,106	1,240	1,679	1,699	1,540	1,369	1,716	1,651	2,061	2,205	2,527	2,653	21,346

COLUMBUS.

MALES.													
Apprentices.....	1		2	2	1	3		1	4	1	3	4	21
Auto repair men.....			4		1	2				2			7
Blacksmiths.....		2	1		2	2	1			1			3
Boiler makers.....			3										3
Boiler maker helpers.....						2			1	1			4
Bookkeepers, clerks and stenographers.....	2	2		1		2	1	2	22	1	4	17	13
Boys (under 18—not apprent.).....		6	8	1	17	14	10	32		7	13		156
Brick and stone masons.....			1		1	1							3
Buffets and polishers.....						1							4
Carpenters.....	11	14	21	25	36	12	8	7	6	3	9	9	103
Cement workers.....	1		1	2	1	1			2	5	2	2	9
Chauffeurs.....	1		1	1									5
Collectors.....													1
Cooks.....	4	6	4	11	4	1	4	11	4	5	5	7	69
Day workers.....	106	164	212	260	229	136	94	77	168	422	552	232	2,692
Dish washers and pantrymen.....	10	20	27	15	13	15	15	22	32	21	20	23	236
Distributors.....		4		6	5	2		2	20	16	3		58
Drill and punch pressmen.....													2
Drivers, teamsters, stablemen.....	8	5	18	8	12	7	7	3	14	7	8	10	107
Electricians.....			4	2									6
Elevator operators.....		3				1	1	1	1				6
Engineers.....	2	4	8	2	1	2	1	1	6	2	1		23
Factory and shop workers.....	1	1	2	14	10	2	4	15	19	15	13	12	108
Farm and dairy hands.....	61	13	36	82	39	8	5	9	19	20	20	23	325
Firemen.....	2	1	1	4	12	11	9	4	1	3	3	2	53
Gardeners and florists.....	1				1					2			4
Glass workers.....													
Handymen.....		3		7	5	3	3	3	6	2	3	2	37
Janitors.....	1	1		1		1	2	2	1	2			9
Laundry workers.....	315	361	570	632	538	371	217	282	465	567	505	478	5,301
Machine hands, wood.....							1	2					3
Machinists.....	2	1							3				3
Machinist helpers.....	4	2	8	2	1	3	9	4			1		37
Millwrights.....													1
Molders.....													

TABLE V—OCCUPATION OF PERSONS REPORTED PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS—Continued.

COLUMBUS—Continued.

Sex and occupation.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	Total.
Painters, paper hangers, etc.	5	6	10	7	9	2	6	3	3	15	13	12	91
Plumbers and pipe fitters.	7	11	7	1	1	6	1	7	10	9	7	13	2
Porters.	1	1	1	4	8	2	5	7	10	1	1	13	94
Salemen.	1	1	1	1	1	1	1	1	1	1	1	1	5
Sheet metal workers.	1	1	1	1	1	1	1	1	1	1	1	1	3
Shoe workers.	1	1	1	1	1	1	1	1	1	1	1	1	3
Solicitors.	1	1	1	1	1	1	1	1	1	1	1	1	3
Structural iron workers.	1	1	1	1	1	1	1	1	1	1	1	1	3
Tailors and garment workers.	1	1	1	1	1	1	1	1	1	1	1	1	3
Tinners.	1	1	1	1	1	1	1	1	1	1	1	1	3
Waiters.	7	7	2	1	2	1	1	1	1	1	1	1	6
Watchmen.	1	1	1	1	1	1	1	1	1	1	1	1	20
Women.	10	22	41	31	29	20	31	42	73	29	23	19	370
All others.	563	664	985	1,164	980	631	436	536	887	1,161	1,213	868	10,088
Total.	563	664	985	1,164	980	631	436	536	887	1,161	1,213	868	10,088
FEMALES.													
Bookkeepers, clerks and stenographers.	1	2	3	2	2	2	7	10	1	7	4	10	34
Chambermaids.	4	8	3	6	5	7	11	10	5	7	2	3	64
Cooks.	18	8	3	12	18	7	11	10	9	7	7	6	116
Day workers (including laundry).	353	416	538	406	423	471	556	434	565	729	802	666	6,359
Dining room girls.	1	1	1	1	1	1	1	1	1	1	1	1	12
Dish washers.	26	29	42	28	26	27	31	35	31	22	33	39	370
Factory workers.	8	15	5	20	7	12	22	23	20	23	12	24	104
General housework.	38	43	45	40	59	55	51	41	47	28	27	28	502
Housekeepers.	1	3	3	3	2	3	3	2	1	2	1	1	19
Housemaids.	1	2	2	2	1	2	2	1	1	1	1	1	9
Laundry hands.	1	2	2	1	2	2	2	12	1	6	5	1	32
Nursemaids.	1	1	2	1	1	1	1	1	1	1	1	1	7
Pantry girls.	1	1	6	3	4	1	8	11	8	2	2	2	45
Salesladies.	1	1	3	1	4	1	2	1	3	3	1	4	8
Seamstresses and hand tailors.	1	2	19	7	4	4	2	2	3	3	1	1	21
Sewing machine operators.	1	2	2	1	1	1	1	1	1	1	1	1	32
Shoe workers.	4	3	3	9	11	4	8	7	10	3	4	3	68
Waitresses.	2	2	10	1	6	3	2	3	10	9	8	6	62
All others.	166	531	678	544	571	596	711	598	717	850	909	793	7,964
Total.	166	531	678	544	571	596	711	598	717	850	909	793	7,964

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TABLE V—OCCUPATION OF PERSONS REPORTED PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS—Continued.

DAYTON—Continued.

Sex and occupation.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	Total.
FEMALES.													
Bookkeepers, clerks and stenographers.....	7	1	9	10	9	12	9	6	2	6	4	7	82
Chambermaids.....	5	6	1	5	.....	.....	4	.....	2	.....	1	5	30
Cooks.....	6	7	7	4	3	6	4	4	3	3	1	3	51
Day workers (including laundresses).....	104	127	180	143	192	174	175	163	203	229	235	194	2,069
Dining room girls.....	3	1	1	.....	.....	.....	.....	.....	1	6	1	.....	10
Dish washers.....	6	5	7	5	10	2	6	2	1	1	5	3	64
Factory workers.....	8	16	104	50	86	23	34	20	3	3	13	1	359
General housework.....	28	24	11	19	12	12	18	7	9	5	12	7	164
Housekeepers.....	3	3	4	2	2	2	.....	2	2	2	.....	.....	21
Housemaids.....	.....	2	4	2	2	5	5	2	2	2	2	4	34
Laundry hands.....	.....	.....	.....	1	.....	.....	1	1	2	2	.....	.....	9
Nursemaids.....	6	2	1	4	6	1	1	1	.....	1	1	1	24
Pantry girls.....	1	1	2	.....	.....	.....	1	1	.....	1	.....	.....	8
Salesladies.....	9	2	4	8	6	13	.....	3	1	2	2	1	47
Seamstresses and hand tailors.....	2	1	3	2	2	2	.....	.....	.....	2	3	.....	17
Sewing machine operators.....	2	.....	1	1	.....	.....	1	.....	1	2	3	.....	10
Shoe workers.....	6	2	1	3	.....	.....	1	.....	.....	.....	.....	.....	23
Waitresses.....	2	4	12	8	9	1	20	5	7	1	7	6	82
All others.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Total.....	198	204	350	268	337	208	280	228	241	269	287	234	3,104

TOLEDO.

MALES.													
Apprentices.....	2	1	1	5	1	1	3	4	4	2	.....	1	21
Auto repair men.....	8	3	4	10	5	4	6	2	7	7	10	2	64
Blacksmiths.....	5	3	3	.....	7	3	11	4	7	.....	.....	3	53
Boiler makers.....	.....	.....	2	.....	1	1	.....	5	1	.....	.....	3	14
Boiler maker helpers.....	2	5	.....	.....	4	.....	3	.....	.....	.....	5	6	26
Bookkeepers, clerks and stenographers.....	27	14	45	25	13	25	8	4	5	10	23	10	298
Boys (under 18—not apparent.)	17	25	47	38	28	33	5	18	27	12	6	9	285

Brick and stone masons.....	8	7	3	1	3	1	1	1	2	1	1	1	30
Buff and polishers.....	28	51	129	2	2	23	8	26	16	18	23	11	485
Carpenters.....	26	7	5	29	16	3	1	1	5	1	6	6	97
Cement workers.....	5	5	3	1	3	3	1	1	1	3	3	1	34
Chaffcutters.....	2	2	3	3	3	3	1	1	1	1	1	1	14
Cooks.....	13	29	35	20	42	23	17	21	28	16	28	24	293
Day workers.....	50	57	50	188	60	64	30	31	48	163	338	92	1,119
Dish washers and pantry men.....	42	68	46	61	61	61	69	106	166	110	163	106	1,049
Distributors.....	64	12	20	87	22	41	17	24	4	39	19	16	369
Drill and punch pressmen.....	19	6	5	7	7	3	1	14	3	2	41	1	32
Drivers, teamsters, stablemen.....	32	39	50	33	42	40	50	38	38	29	41	23	458
Electricians.....	5	4	6	6	3	6	3	3	4	6	3	1	41
Elevator operators.....	5	6	9	2	3	3	3	3	4	6	3	1	41
Engineers.....	13	19	13	7	7	10	3	1	2	9	2	8	94
Factory and shop workers.....	11	7	41	13	13	5	11	12	20	22	30	19	232
Farm and dairy hands.....	110	60	181	104	75	14	9	16	24	29	24	43	687
Bremen.....	10	6	23	9	7	10	14	6	13	16	12	3	124
Gardeners and florists.....	1	1	13	7	9	1	1	6	3	16	20	5	75
Glass workers.....	42	75	106	102	61	103	66	129	101	119	111	90	1,105
Handymen.....	4	2	4	4	12	7	490	700	1,060	1,023	1,055	4	1,197
Janitors.....	754	776	1,625	1,319	1,219	712	3	1	2	2	2	1,018	11,745
Laundry workers.....	3	4	7	7	2	3	1	6	2	2	11	2	38
Machine hands, wood.....	19	18	19	15	10	34	8	6	11	11	3	4	154
Machinists.....	1	1	3	7	3	3	3	5	3	1	3	6	28
Machinist helpers.....	1	1	3	7	3	3	1	1	1	1	1	1	5
Millwrights.....	2	2	7	7	3	3	1	7	20	20	35	47	207
Molders.....	22	20	31	24	22	13	14	7	20	20	35	47	237
Painters, paper hangers, etc.....	11	11	14	13	5	4	12	7	20	20	35	47	64
Plumbers and pipe fitters.....	15	27	17	15	28	27	17	19	17	25	25	25	280
Porters.....	17	11	11	10	3	3	7	3	4	6	1	1	75
Salesmen.....	1	1	4	53	3	3	1	3	4	6	1	1	63
Sheet metal workers.....	6	11	1	4	1	23	1	4	1	1	1	1	57
Shoe workers.....	9	4	2	4	1	1	1	5	1	2	1	1	14
Soldiers.....	2	4	5	4	1	1	1	1	1	1	1	1	13
Structural iron workers.....	5	2	5	1	1	1	1	1	1	1	1	1	9
Tailors and garment workers.....	11	8	8	5	6	10	9	17	11	13	4	8	103
Thiers.....	1	1	1	1	3	2	1	4	5	3	3	1	38
Waiters.....	1	6	9	1	83	32	10	15	22	16	21	60	646
Watchmen.....	152	73	94	68	83	32	10	15	22	16	21	60	646
All others.....	152	73	94	68	83	32	10	15	22	16	21	60	646
Total.....	1,543	1,472	2,691	2,340	1,931	1,389	899	1,256	1,679	1,764	2,027	1,664	20,664
PENALES.													
Bookkeepers, clerks and stenographers.....	14	13	9	9	1	13	8	11	20	13	11	17	139
Chambermaids.....	10	10	17	15	20	7	26	9	18	9	12	15	168
Cooks.....	15	10	17	15	5	3	3	3	9	6	5	8	75
Day workers (including laundrymen, dressers).....	85	80	148	157	128	139	157	150	141	278	288	249	2,000
Dining room girls.....	1	1	4	4	5	5	3	2	2	2	2	5	43

TABLE V—OCCUPATION OF PERSONS REPORTED PLACED DURING THE YEAR ENDING JUNE 30, 1916, BY CITIES AND MONTHS—Continued.

TOLEDO—Continued.

Sex and occupation.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	Total.
Dish washers.....	22	27	39	44	28	20	30	26	33	39	22	31	361
Factory workers.....	10	18	42	25	35	35	22	31	19	15	7	23	270
General housework.....	43	27	33	29	20	17	24	29	21	12	21	19	291
Housekeepers.....	7	5	9	10	7	3	7	1	8	7	10	8	77
Housemaids.....	6	3	9	6	1	1	3	1	1	1	3	2	35
Laundry hands.....	1	1	4	1	2	2	1	3	2	4	1	1	25
Nursemaids.....	1	1	1	1	1	1	1	3	5	2	1	1	11
Pantry girls.....	3	5	5	4	8	1	3	5	3	2	1	4	31
Salaladies.....	2	3	5	4	3	1	5	3	3	1	2	1	38
Seamstresses and hand tailors.....	2	3	7	4	2	1	4	5	3	1	2	4	25
Sewing machine operators.....	1	3	5	2	1	1	4	4	3	1	1	1	17
Shoe workers.....	20	14	11	2	3	5	10	13	11	4	9	12	104
Waitresses.....	8	7	17	14	17	17	17	9	22	18	19	16	174
All others.....	250	226	377	336	266	263	300	288	320	412	416	411	3,885
Total.....													

YOUNGSTOWN.

Sex and occupation.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	Total.
Dish washers.....	1	3	3	2	7	3	5	2	1	8	1	1	10
Auto repair men.....	1	1	12	12	12	7	5	2	2	6	1	1	12
Blacksmiths.....	6	4	6	17	14	3	6	6	9	4	2	1	53
Boiler makers.....	1	4	3	10	5	5	6	6	2	1	2	3	68
Bookkeeper, clerks and stenographers.....	4	9	24	19	11	17	38	21	28	19	16	18	224
Boys (under 18—not apprent.).....	1	3	6	12	21	12	10	2	7	7	2	1	83
Brick and stone masons.....	2	6	5	2	16	7	1	4	3	2	1	1	50
Buffets and polishers.....													
Carpenters.....	29	34	21	22	28	11	7	1	6	5	10	8	182
Cement workers.....		5	4	7	4	2	1	2	2	1	2	2	25
Chauffeurs.....	4	1	1	1	3	1	1	2	2	1	1	1	16
Collectors.....			1	1	1	1	2	2	2	1	1	1	15
Cooks.....	3	1	3	3	48	17	1	30	34	96	287	96	765
Day workers.....	19	10	35	76	17	17	1	8	2	3	1	1	18
Dish washers and pantry men.....			2	2	2	1	1	1	3	6	6	2	20
Distributors.....			6	5	17	23	15	2	6	7	2	12	95
Drill and punch pressmen.....			3	4	3	24	2	2	4	4	1	8	52
Drivers, teamsters, stablemen.....	10	6	7	8	13	20	15	18	17	10	17	8	146
Electricians.....	3	3	4	12	11	22	6	13	7	5	9	8	103
Elevator operators.....								1	1	6	2	6	89
Engineers.....	6	13	3	7	12	15	1	7	7	6	2	1	89

Factory and shop workers.....	6	36	38	38	42	65	62	56	23	2	3	371
Farm and dairy hands.....	15	25	21	16	4	5	3	12	8	9	13	184
Fishermen.....	1	3	3	4	7	3	7	6	1	1	1	37
Gardeners and florists.....	1	1	3	4				1				8
Glass workers.....	2											
Hairdressers.....	4	12	14	9	5	14	14	4	37	20	17	152
Laundry workers.....	2	2				3		4	4	1	2	18
Machine hands, wood.....	261	376	360	430	305	217	263	323	356	314	348	3,827
Machinists.....	17					1	1	2				21
Metal fasteners.....												
Milwrights.....	22	19	27	30	22	25	9	15	13	2	1	103
Molders.....	1	1	3	2	5	1	2	12		3		30
Painters, paper hangers, etc.....	1	5	4	4	1		2	1				13
Plumbers and pipe fitters.....	33	1	18	10	19	15	17	12	3	5	3	9
Potters.....	1	4	2	7	1	3	5	3	1	1	40	34
Seamstresses.....	1	4	3	1	2		3	3		3	3	174
Sheet metal workers.....												32
Shoeworkers.....												20
Solicitors.....		2			4	5	1					2
Structural iron workers.....												10
Tailors and garment workers.....												
Timber workers.....		4										
Waiters.....	22	28	1	9	46	3	1	1	2	2	4	12
Watchmen.....		29	35	97		51	68	68	32	15	23	19
All others.....												514
Total.....	492	474	752	877	645	530	580	665	673	733	628	7,726
FEMALES.												
Bookkeepers, clerks and stenographers.....	6	4	3	5	10	15	8	11	10	5		77
Chambermaids.....	1	1	4	3	1	10	1	2	1	2	2	31
Cooks.....	9	11	4	2	12	2	2	3	1	1	9	62
Day workers (including laundry dress).....	61	121	75	118	113	186	142	183	265	455	365	2,129
Dining room girls.....	1	1	2	1	3	4	4	2		2	4	8
Dish washers.....	5	3	9	7	1	1	6	3	2	2	1	52
Factory workers.....												20
General housework.....	26	33	21	19	21	16	11	26	11	14	13	244
Housekeepers.....	1	1	1	2	1	1	1	1	2	1	1	7
Housemaids.....	2	2	2	2	1	2	1	2	2	3	5	22
Laundry hands.....	1	2	2						1		1	15
Nursemaids.....												
Pantries.....												
Salesladies.....												2
Seamstresses and hand tailors.....												1
Sewing machine operators.....												
Shoe workers.....												
Waitresses.....	2	4	3	2	2	3	6	1	5	2	7	29
All others.....	2	1		2	2	2	1	4		4	4	32
Total.....	114	120	120	171	170	226	185	243	301	488	412	2,745

SUPPLEMENT.

PRIVATE EMPLOYMENT AGENCIES.

As early as 1888, attention was called to the prevalent evil of private employment offices by an article written by A. D. Fassett, Commissioner, in the Twelfth Annual Report of the Bureau of the Statistics of Labor. In this article, illustrations were given of the exorbitant fees charged unwary applicants for what was at best a very doubtful service. In many cases, these agencies kept on file want advertisements for help of various kinds which appeared in the daily papers and merely referred applicants to these places after charging a registration fee. A further fee was usually charged the applicant when placed in a position and if possible the employer was compelled to pay for the help secured. There was no provision for refunding fees in case the position was not satisfactory or in case no position was secured.

Positions secured in this way were, as a general rule, poorly paid and generally unsatisfactory. "But the employment agencies," as stated in Mr. Fassett's article, "feasting upon the necessities of the army of unemployed, filled up the ranks as fast as the sad experience of the victims thinned them out." Continuing, it was stated that "The fact that the victims, as a rule, are among the poorest and yet the most deserving people in the city, and, therefore, a class who can only retaliate by remonstrance, renders the work of these agencies all the more reprehensible."

This article undoubtedly led to considerable serious consideration of this problem, as in April, 1890, a law was passed creating free public employment offices. The creation of these free offices did not, however, drive out of existence the private agencies and there were still great evils in their operation.

In April, 1904, the legislature passed a Law Relating to Private Employment Agencies which has remained in force without amendment to the present time. This law as it stands is very inadequate and it is impossible to prevent the exploitation of applicants for employment and of employers applying for help.

The following statement shows the number of licensed agencies of each class in operation in the state on June 30, 1916:

	Number licensed.
General labor agencies.....	9
Domestic agencies.....	9
Technical, executive and clerical agencies.....	7
Nurses' registries.....	3
Teachers' agencies.....	4
Theatrical agencies.....	6
Total.....	38

Several agencies gave up their operations during the year, before the expiration of their licenses, and several others failed to renew upon the expiration, as shown by the following statement:

	Discontinued before expiration of license.	Failed to renew license.	Total lapsed.
General labor agencies.....	1	2	3
Domestic agencies.....	2	1	3
Clerical agencies.....	--	1	1
Theatrical agencies.....	2	1	3
Total.....	5	5	10

There were also two cases before the Commission against licensed agencies in which license was withheld. In one of these cases, the renewal of a license was refused because of evidence showing misrepresentation on the part of the agency, excessive fees and refusal of refund in a large number of instances.

In the other case, a license already in force was revoked because of evidence showing that women were sent to places of ill repute and that the proprietor was of improper moral character.

PROSECUTIONS.

During the year ending June 30, 1916, a great deal of evidence was secured concerning wrongs and abuses in connection with employment. Of these cases, it was possible to prosecute twenty under the present employment office law. Ten of these twenty cases were for operating an employment office without a license and the other ten were for job selling.

The cases in which the state contended that an employment office had been operated without a license included, not only cases where an actual office was opened, but also cases in which persons were secured for employment, on the streets or elsewhere, for fees paid by either the applicants, or employers, or both. In some of these cases, applicants were charged fees for jobs which were misrepresented, or did not exist. In others the employers paid a stated amount for every person furnished and the applicant was not charged. The majority of those imposed upon by those prosecuted were foreigners and others ignorant of the laws and customs.

Ten of the cases prosecuted were for job selling in industrial establishments. A great mass of evidence was secured showing that it had become a practice in a number of industrial plants for the applicant to pay the foreman a fee for employment and, in many instances, to continue such payments during employment so that the job might be retained and desirable work secured. This is a practice which should be

broken up at once as it is one which seriously affects the welfare of the workers of the State. As the present employment office law under which these cases were prosecuted is entirely inadequate, an effort will be made at the next session of the State Legislature to secure the enactment of a satisfactory law. A full report of the prosecutions and evidence secured concerning job selling has been published by the Department of Investigation and Statistics as Report No. 24.

The details and result of each of the 20 prosecutions are as follows:

Date.	Name of defendant.	Court.	Result.
Aug. 31, 1915	Edward Putney.....	Police....	\$50 and costs. Fine suspended.
Oct. 23, 1915	Mine Tudoroff.....	Justice...	\$50 and costs, and a refund of \$30 to applicants.
Oct. 27, 1915	Joseph Nowakowski.....	Justice...	Pending.
Nov. 3, 1915	Frank Ellwood.....	Justice...	\$100 and costs.
Nov. 16, 1915	Alice Hoard.....	Justice...	\$100 and costs.
Jan. 27, 1916	Steve Klema.....	Police....	\$50 and costs.
Feb. 4, 1916	Millie Keller.....	Police....	Not guilty.
Feb. 17, 1916	Harry G. Vandenberg....	Mayor...	\$50 and costs. Fine suspended.
Mar. 17, 1916	Frank Madryzkowski....	Police....	\$100 and costs. Carried by defendant to Common Pleas Court; judgment sustained.
Mar. 18, 1916	Peter Stallman.....	Police....	\$100 and costs. Carried by defendant to Common Pleas Court; judgment sustained.
Mar. 24, 1916	Steve Miller.....	Police....	\$100 and costs. Fine suspended.
Mar. 24, 1916	Tony Kiferling.....	Police....	\$50 and costs. Fine suspended.
Mar. 24, 1916	Mrs. Carrie Rainwater..	Police....	\$50 and costs. Fine suspended.
Mar. 29, 1916	Chas. Loomer.....	Mayor...	Dismissed at request of State.
Mar. 29, 1916	Jack Radford.....	Mayor...	Not guilty.
Apr. 14, 1916	A. Marion Sawyer.....	Mayor...	\$50 and costs.
Apr. 29, 1916	L. C. Dick.....	Mayor...	\$50 and costs.
May 17, 1916	Martin Pryzbysz.....	Police....	\$50 and costs.
May 18, 1916	Sam Weissman.....	Mayor...	\$50 and costs.
May 31, 1916	Jacob Fritcher.....	Police....	Not guilty..

The Industrial Commission of Ohio

DEPARTMENT OF
INVESTIGATION AND STATISTICS
REPORT No. 28

Rates of Wages, Hours of Labor, and Fluctuation of Employment in Ohio in 1915



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Rates of Wages, Hours of Labor and Fluctuation of Employment in Ohio for the Year Ending December 31, 1915

INTRODUCTION AND GENERAL SUMMARY.

This is the second annual report compiled from the statistical returns made by Ohio employers to the Department of Investigation and Statistics since its organization. The present report is the most comprehensive of the same nature ever issued by the state, covering all industries except interstate railroads and mines and quarries, and including wage data for 919,654 employees reported by 18,308 employers covering the year 1915, as compared with 779,929 employees reported by 14,776 employers for the year 1914. Only a few establishments normally employing less than five people are included. Data for coal, clay and gypsum mining and for stone quarrying, comprising wage information concerning 50,474 workers in the state during 1915, are not included in this report, but are shown separately in Report No. 25. These two reports include wage information concerning 970,128 workers in Ohio during 1915.

The year 1915 witnessed a very wonderful change in the industrial activities of the state. The schedule upon which information was requested asked for the number employed on or near the 15th of each month, so that direct evidence of the enormously increased industrial activity has been secured. A total of 17,981 employers have reported an increase of 167,455 in the number employed from January to December, 1915, an increase of 26.1 per cent during the year. These total figures, however, do not show fully the increase in the number employed in certain plants and industries, as several industries do not indicate such abnormal activity and there was undoubtedly an unusual transfer of employees from one industry to another and from one plant to another in the same industry. The following table compares the number employed in January, 1915, in the state and the larger counties with the number employed in December, 1915. In practically all of the counties shown, the minimum number was employed in January and the maximum in December. Complete data concerning fluctuation of employment are shown in Tables IV, V and VI.

**NUMBER OF EMPLOYES ON THE 15th OF JANUARY AND DECEMBER,
AND NUMBER AND PER CENT OF INCREASE.**

County.	Number of establish- ments reporting.	Total employees January 15, 1915.	Total employees December 15, 1915.	Increase	
				Number of employees.	Per cent.
The State-----	17,981	641,274	808,729	167,455	26.1
Counties having a popula- tion of 50,000 or over in 1910 -----	12,900	540,299	687,002	146,703	27.2
Allen -----	234	6,607	8,433	1,826	27.6
Ashtabula -----	152	3,125	4,032	907	29.0
Belmont -----	151	6,734	8,083	1,349	20.0
Butler -----	277	12,405	14,585	2,180	17.6
Clark -----	320	10,958	13,430	2,472	22.6
Columbiana -----	255	9,320	12,383	3,063	32.9
Cuyahoga -----	2,892	152,648	191,899	39,251	25.7
Franklin -----	1,109	31,179	39,796	8,617	27.6
Hamilton -----	3,055	108,760	120,038	11,278	10.4
Jefferson -----	130	7,389	9,510	2,121	28.7
Licking -----	151	4,920	5,113	193	3.9
Lorain -----	236	9,539	12,926	3,387	35.5
Lucas -----	1,061	41,750	58,641	16,891	40.5
Mahoning -----	430	28,367	39,798	11,431	40.3
Montgomery -----	811	29,983	39,501	9,518	31.7
Muskingum -----	251	6,694	7,986	1,292	19.3
Stark -----	558	22,370	30,530	8,160	36.5
Summit -----	491	35,020	52,339	17,319	49.5
Trumbull -----	187	8,805	12,080	3,275	37.2
Tuscarawas -----	149	3,726	5,899	2,173	58.3
Counties having a population of less than 50,000 in 1910 -----	5,081	100,975	121,727	20,752	20.6

The most tremendous increase in both payroll and number of employes was in the rubber industry and steel works and rolling mills. A comparison of the payroll and maximum and minimum number of employes during the year is shown in the following table for the same plants in each of these industries in 1914 and 1915:

COMPARISON OF DATA AS REPORTED FOR THE SAME ESTABLISHMENTS
FOR 1914 AND 1915.

PAY ROLL.

Industry.	Number of Establishments.	Total wage and salary payments.		Amount of increase.	Per cent of increase.
		1914.	1915.		
Rubber Products	15	\$16,618,411	\$23,148,085	\$6,529,674	39.3
Steel Works and Rolling Mills	19	24,856,622	30,671,780	5,815,158	23.4

NUMBER EMPLOYED.

Industry.	Number of Establishments.	Number Employed on the 15th of Each Month.					
		1914.		1915.		Increase in 1915 over maximum in 1914.	
		Maximum.	Minimum.	Minimum.	Maximum.	Number.	Per Cent.
Rubber Products.....	15	April 26,029	Dec. 20,030	Jan. 21,112	Dec. 34,648	8,619	33.1
Steel Works and Rolling Mills	19	April 30,473	Nov. 18,343	Jan. 25,911	Dec. 39,490	9,017	29.6

The enormous increase shown in the above industries should not be taken as an indication of the general increase, as these examples represent the crest rather than the medium of increase.

The introduction, however, during a single year of 167,455 workers into the industries of the state has created an industrial situation worthy of considerable study. It is true that the opening of the year 1915 found the entire state struggling with a very serious unemployment situation which had developed during the last months of 1914, but the number of employes as reported for March, 1915, exceeds the maximum number reported for any month of 1914 by a very considerable margin, so that the increase in the total number employed from March, 1915, to the end of the year may be considered an increase above the maximum for the previous year.

There is no doubt that, as before stated, there has been considerable shifting of workers from one locality and industry to another, but

it should be borne in mind that the total figures, 167,455, give the increase over and above the extent of such shifting. If the additional workers introduced into the industries of the state, over what has been considered a normal force, were secured for the most part in the state, then it would seem that we have never had an adequate idea of the unemployment situation. There must have been thousands of unemployed but employable workers in the state, even at times when the industries were presumed to be normally active. It must be conceded, however, that the unusual condition has forced employers to lower their standard of fitness and many men have been employed during the present situation who would not have been considered employable under ordinary conditions, and many men have been imported from other states where industry has not been so active.

Considering the facts shown, it is not surprising that there has been a very unusual situation in the labor market; that employers have been driven to extraordinary methods in an endeavor to secure help; that wages, particularly for the unskilled and transient workers, have shown an advance, and that unemployment, particularly in certain sections, has been reduced to a minimum. The annual report of the work of the Free Labor Exchanges in Ohio for the year 1915-1916 (Report No. 27) will furnish a further study of this situation.

Some of the more striking facts concerning rates of wages, hours of labor and fluctuation of employment during the year as drawn from the general tables, are briefly mentioned in the following pages.

RATES OF WAGES.

The present report presents data concerning rates of wages of 919,654 employes as reported by 18,308 employers. There has been no significant change in the percentage of either males and females or of adults and young persons included in the report, from the percentage of each in the report for 1914, except a slight reduction in the percentage of females under 18 years of age, and a corresponding increase in the percentage of adults and males. A comparison of percentages of males and females, adults and young persons reported for 1914 and 1915 is shown below:

	1914.	1915.
Percentage of total number reported—		
Males of all ages.....	81.3	83.0
Adults, male and female (18 years of age or over).....	97.8	98.0
Percentage of total males reported—		
Young persons, males (under 18 years of age).....	1.6	1.6
Percentage of total females reported—		
Young persons, females (under 18 years of age).....	4.7	3.4

For the purpose of this report, employees are divided into three general groups or classes:

1. Wage earners.
2. Bookkeepers, stenographers and office clerks.
3. Salespeople (not traveling).

A general summary of the data for 1915 by occupation groups and sex follows:

Occupation Group.	Number of males.	Number of females.	Total number.
Wage earners	694,420	115,965	810,385
Bookkeepers, stenographers and office clerks	41,749	30,132	71,881
Salespeople (not traveling).....	18,111	19,277	37,388
Total	754,280	165,374	919,654

Each of the three general classes—wage earners, bookkeepers, stenographers and office clerks, and salespeople (not traveling)—will be considered in connection with a brief summary of wage data.

WAGE EARNERS.

This report includes data for 810,385 wage earners, with the following sex and age distribution:

Males, 18 years of age or over.....	683,707
Females, 18 years of age or over.....	111,410
Males, under 18 years of age.....	10,713
Females, under 18 years of age.....	4,555
Total	810,385

The instructions on the schedule relative to the classification of employes under the heading "wage earners" were as follows: "Include mechanics of all kinds, factory employes, shop foremen, laborers, laundry employes, cleaners and caretakers in buildings, employes of alteration departments and of delivery departments in stores, cash girls, check boys, farm hands, etc." So employes in every kind of wage earning occupation are included, from those occupations which require the greatest skill to those which require practically no skill.

General Table I presents, for the state, data for 1915 for every industry in which three or more establishments reported and 200 or more wage earners are represented. This table also shows, for each of the 20 counties of the state which had a population of 50,000 or over in 1910, every industry in which three or more establishments reported and 100 or more wage earners are represented.

The wage data for the 683,707 male wage earners 18 years of age or over reported for 1915, are briefly summarized below, showing a comparison with similar data as reported for 1914. (a)

**CLASSIFIED RATES OF WAGES OF MALE WAGE EARNERS
18 YEARS OF AGE OR OVER.**

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of adult male wage earners at each classified rate.	Per cent distribution.	Number of adult male wage earners at each classified rate.	Per cent distribution.
Less than \$6-----	5,991	.9	5,904	1.1
\$6 but under \$7-----	6,312	.9	5,696	1.0
\$7 but under \$8-----	9,000	1.3	8,588	1.5
\$8 but under \$9-----	14,068	2.1	13,571	2.4
\$9 but under \$10-----	32,644	4.8	32,794	5.7
\$10 but under \$12-----	104,912	15.3	102,460	17.9
\$12 but under \$15-----	195,172	28.5	156,260	27.3
\$15 but under \$18-----	126,947	18.6	109,225	19.1
\$18 but under \$25-----	137,457	20.1	103,545	18.1
\$25 but under \$35-----	42,758	6.3	28,814	5.0
\$35 and over-----	8,446	1.2	6,388	1.1
Total -----	683,707	100.0	573,245	100.0

It will be seen that, according to the above table, there was a slight reduction in the per cent of the total number reported in 1915; working at each classified rate below \$12 but under \$15 per week, and, with a single exception, an increase in the per cent working at each classified rate above \$10 but under \$12 per week, as compared with the per cent distribution of those reported at each classified rate in 1914.

The classified rate of wages occurring more frequently than any other, as reported for 1915, is \$12 but under \$15 per week, at which rate 195,172, or 28.5 per cent of the total number, work. It will be seen,

(a) The instructions as they appeared on the form requesting wage data were as follows:

Classified weekly wages and salaries for week of greatest employment during year.

The figures must be for the period of ONE WEEK. If your payroll shows figures for two weeks or for one month, the payroll figures should be reduced to a weekly basis before they are entered on this form, by dividing the pay for two weeks by 2 and the pay for a calendar month by four and one-third.

Include both TIME-WORKERS and PIECE-WORKERS. In reporting for piece-workers consider a normal week only, and DO NOT INCLUDE OVERTIME. SHORT-TIME EARNINGS should be brought to a full-time basis.

BONUSES and PREMIUMS, if any, should be INCLUDED with wages or salary. FINES and similar deductions, if any, should be EXCLUDED.

If BOARD or LODGING is furnished in addition to wages or salary, estimate the value and include with wages or salary.

In reporting for RETAIL STORES, do not report wages for holiday period or week of special sales.

however, that the second rate in importance is \$18 but under \$25 per week, rather than \$15 but under \$18 per week, as in the report for 1914. The above table shows that 137,457, or 20.1 per cent of the total reported for 1915, are employed at \$18 but under \$25 per week.

Combining the groups, it will be seen that 300,084, or 43.8 per cent of the total number, work for \$10 but under \$15 per week, and that 264,404, or 38.7 per cent of the total number, work for \$15 but under \$25 per week.

In considering these rates of wages, it should be borne in mind that every sort of wage earning occupation usually engaged in by males is included, from those requiring the greatest skill to the unskilled laborer. Of the 683,707 male wage earners 18 years of age or over, one-fourth (25.3 per cent) work for less than \$12 per week, and 72.4 per cent work for less than \$18 per week.

The numbers and percentages for the 683,707 male wage earners 18 years of age or over reported for 1915 are arranged in cumulative form below, showing a comparison with similar data as reported for 1914:

NUMBERS AND PERCENTAGES IN CUMULATIVE FORM.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of adult male wage earners.	Per cent of total.	Number of adult male wage earners.	Per cent of total.
Less than \$9-----	35,371	5.2	33,759	6.0
Less than \$10-----	68,015	10.0	66,553	11.7
Less than \$12-----	172,927	25.3	169,013	29.6
Less than \$15-----	368,099	53.8	325,273	56.9
Less than \$18-----	495,046	72.4	434,498	76.0
Less than \$25-----	632,503	92.5	538,043	94.1

It will be seen that there was a very significant decrease in the percentage of adult male wage earners working at the lower rates in 1915 as compared with the report for 1914. As the report for 1915 includes a large number of firms that were not included in the report for 1914, in addition to showing a general increase in the number employed, it is not possible to determine the exact cause of this change, which may have been brought about by the addition of an unusual number at advanced rates, as well as by a general increase in the rates of wages of workers at lower rates.

The wage data for the 111,410 female wage earners 18 years of age or over reported for 1915 are briefly summarized below, showing a comparison with similar data as reported for 1914:

CLASSIFIED RATES OF WAGES OF FEMALE WAGE EARNERS 18 YEARS OF AGE OR OVER.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of adult female wage earners at each classified rate.	Per cent distribution.	Number of adult female wage earners at each classified rate.	Per cent distribution.
Less than \$4-----	2,755	2.5	2,629	2.7
\$4 but under \$5-----	5,493	4.9	5,085	5.3
\$5 but under \$6-----	13,348	12.0	12,878	13.4
\$6 but under \$7-----	20,802	18.7	18,405	19.1
\$7 but under \$8-----	19,065	17.1	17,178	17.9
\$8 but under \$9-----	15,965	14.3	12,787	13.3
\$9 but under \$10-----	11,697	10.5	10,314	10.7
\$10 but under \$12-----	12,904	11.6	10,094	10.5
\$12 but under \$15-----	6,605	5.9	4,822	5.0
\$15 but under \$18-----	1,818	1.6	1,330	1.4
\$18 or over-----	958	.9	659	.7
Total -----	111,410	100.0	96,181	100.0

It will be seen that, according to the above table, there was a slight reduction in the per cent of the total number reported in 1915, working at each classified rate below \$8 but under \$9 per week, and, with a single exception, an increase in the per cent working at each classified rate above \$7 but under \$8 per week, as compared with the per cent distribution of those reported at each classified rate in 1914.

The classified rate of wages occurring more frequently than any other, as reported for 1915, is \$6 but under \$7 per week, at which rate 20,802, or 18.7 per cent of the total number, work. The rate second in importance is \$7 but under \$8 per week, at which rate 19,065, or 17.1 per cent of the total number, work.

Combining the groups it will be seen that 34,150, or 30.7 per cent of the number reported for 1915, work for \$5 but under \$7 per week; a larger number, 35,030, or 31.4 per cent, work for \$7 but under \$9 per week; and just one-fifth of the total, 22,285, work for \$10 or over per week.

In considering these rates of wages, it should be borne in mind that every sort of wage earning occupation usually engaged in by females is included, from those requiring the greatest skill to those requiring practically no skill. Of the 111,410, slightly less than one-fifth (19.4 per cent) work for less than \$6 per week, considerably more than one-third (38.1 per cent) work for less than \$7 per week, and more than half (55.2 per cent) work for less than \$8 per week.

The numbers and percentages for the 111,410 female wage earners

18 years of age or over reported for 1915, are arranged in cumulative form below, showing a comparison with similar data as reported for 1914:

NUMBERS AND PERCENTAGES IN CUMULATIVE FORM.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of adult female wage earners.	Per cent of total.	Number of adult female wage earners.	Per cent of total.
Less than \$5-----	8,248	7.4	7,714	8.0
Less than \$6-----	21,596	19.4	20,592	21.4
Less than \$7-----	42,398	38.1	38,997	40.5
Less than \$8-----	61,463	55.2	56,175	58.4
Less than \$9-----	77,428	69.5	68,962	71.7
Less than \$10-----	89,125	80.0	79,276	82.4
Less than \$12-----	102,029	91.6	89,370	92.9
Less than \$15-----	108,634	97.5	94,192	97.9

It will be seen that there was a very significant decrease in the percentage of adult female wage earners working at the lower rates in 1915 as compared with the report for 1914. As the report for 1915 includes a large number of firms that were not included in the report for 1914, in addition to showing a general increase in the number employed, it is not possible to determine the exact cause of this change which may have been brought about by the addition of an unusual number at advanced rates as well as by a general increase in the rates of wages of workers at lower rates.

The wage data for the 10,713 male wage earners under 18 years of age reported for 1915 are briefly summarized below, showing a comparison with similar data as reported for 1914:

CLASSIFIED RATES OF WAGES OF MALE WAGE EARNERS UNDER 18 YEARS OF AGE.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of male wage earners under 18 years of age at each classified rate.	Per cent distribution.	Number of male wage earners under 18 years of age at each classified rate.	Per cent distribution.
Less than \$4-----	1,105	10.3	1,044	11.9
\$4 but under \$5-----	1,342	12.5	1,073	12.2
\$5 but under \$6-----	2,231	20.8	1,633	18.6
\$6 but under \$7-----	2,133	19.9	1,835	20.8
\$7 but under \$8-----	1,704	15.9	1,369	15.6
\$8 but under \$9-----	1,022	9.5	921	10.5
\$9 but under \$10-----	727	6.8	478	5.4
\$10 but under \$12-----	316	2.9	298	3.4
\$12 or over-----	133	1.2	145	1.7
Total -----	10,713	100.0	8,786	100.0

The numbers and percentages for the 10,713 male wage earners under 18 years of age reported for 1915 are arranged in cumulative form below showing a comparison with similar data as reported for 1914:

NUMBERS AND PERCENTAGES IN CUMULATIVE FORM.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of male wage earners under 18 years of age.	Per cent of total.	Number of male wage earners under 18 years of age.	Per cent of total.
Less than \$4.....	1,105	10.3	1,044	11.9
Less than \$5.....	2,447	22.8	2,117	24.1
Less than \$6.....	4,678	43.6	3,750	42.7
Less than \$7.....	6,811	63.5	5,575	63.5
Less than \$8.....	8,515	79.4	6,944	79.1
Less than \$9.....	9,537	88.9	7,865	89.6
Less than \$10.....	10,264	95.7	8,343	95.0
Less than \$12.....	10,580	98.6	8,641	98.4

There were 4,555 female wage earners under 18 years of age reported for the year 1915 as compared with 5,529 of the same class reported for 1914. This represents a decrease of 974 in the number of this class as reported, notwithstanding the fact that the report for 1915 covers over 3,000 firms that were not covered by the report for 1914 and indicates a decided increase in the number of each of the other classes of wage earners. It is impossible to determine the exact cause of this decrease from the information at hand, but it is possible that there has been a tendency on the part of parents to keep their girls out of industry because of an advance in the earnings of adults which has enabled them to care for their families without such assistance.

The wage data for the 4,555 female wage earners under 18 years of age reported for 1915 are briefly summarized below showing a comparison with similar data as reported for 1914:

CLASSIFIED RATES OF WAGES OF FEMALE WAGE EARNERS UNDER 18 YEARS OF AGE.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of female wage earners under 18 years of age at each classified rate.	Per cent distribution.	Number of female wage earners under 18 years of age at each classified rate.	Per cent distribution.
Less than \$4.....	755	16.6	837	15.1
\$4 but under \$5.....	1,052	23.1	1,365	24.7
\$5 but under \$6.....	1,156	25.4	1,444	26.1
\$6 but under \$7.....	805	17.7	983	17.8
\$7 but under \$8.....	382	8.4	467	8.4
\$8 but under \$9.....	229	5.0	251	4.5
\$9 but under \$10.....	107	2.3	105	1.9
\$10 or over.....	69	1.5	77	1.4
Total	4,555	100.0	5,529	100.0

The numbers and percentages for the 4,555 female wage earners under 18 years of age reported for 1915 are arranged in cumulative form below, showing a comparison with similar data as reported for 1914:

NUMBERS AND PERCENTAGES IN CUMULATIVE FORM.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of female wage earners under 18 years of age.	Per cent of total.	Number of female wage earners under 18 years of age.	Per cent of total.
Less than \$4.....	755	16.6	837	15.1
Less than \$5.....	1,807	39.7	2,202	39.8
Less than \$6.....	2,963	65.1	3,646	65.9
Less than \$7.....	3,768	82.8	4,629	83.7
Less than \$8.....	4,150	91.2	5,096	92.1
Less than \$9.....	4,379	96.2	5,347	96.6
Less than \$10.....	4,486	98.5	5,452	98.5

The two tables which follow show for the State and also for Cuyahoga, Franklin, Hamilton, Lucas and Montgomery Counties the number and per cent of wage earners at each classified rate per week as reported for 1915. The first table shows numbers and the second percentages.

NUMBER OF WAGE EARNERS AT EACH CLASSIFIED RATE OF WAGES PER WEEK.
Summary for the State and for Cuyahoga, Franklin, Hamilton, Lucas and Montgomery Counties.

County, Sex and Age.	Num-ber of estab-lish-ments re-ported.	Number of wage earners at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
THE STATE															
Males 18 years of age or over.....	18,308	5,904	9,175	20,249	30,052	30,151	31,284	45,175	118,174	201,909	128,739	188,208	42,917	8,498	810,866
Females 18 years of age or over.....	1,159	1,288	3,514	6,312	9,000	9,000	14,068	32,844	104,912	195,172	124,947	187,467	42,758	8,446	683,707
Males under 18 years of age.....	2,755	5,493	13,948	20,802	15,965	15,965	11,597	11,597	12,904	6,805	1,818	187,747	42,159	52	111,410
Females under 18 years of age.....	1,105	1,342	2,231	2,133	1,704	1,704	1,022	1,022	316	106	23	4	.....	62	10,713
Males under 18 years of age.....	755	1,052	1,156	805	882	882	229	107	42	28	1	.....	.....	.....	4,065
CUYAHOGA COUNTY															
Males 18 years of age or over.....	2,955	321	1,165	2,854	6,679	1,328	7,511	9,544	25,770	45,678	32,460	33,488	10,558	2,049	156,406
Females 18 years of age or over.....	89	140	522	967	1,360	2,641	5,918	22,243	43,512	31,892	21,826	33,216	10,489	2,013	155,102
Males under 18 years of age.....	160	548	1,665	4,900	5,394	4,469	3,462	3,462	2,029	560	7	.....	69	36	27,005
Females under 18 years of age.....	41	182	362	517	433	228	131	69	20	8	.....	.....	.....	.....	2,100
Males under 18 years of age.....	41	286	315	295	141	73	33	6	.....	.....	.....	.....	.....	.....	1,159
FRANKLIN COUNTY															
Males 18 years of age or over.....	1,123	277	525	934	1,788	1,402	1,691	2,195	5,468	8,983	5,895	6,350	1,797	311	37,557
Females 18 years of age or over.....	86	67	229	430	481	987	1,556	4,898	8,513	5,749	6,298	6,298	1,787	310	31,596
Males under 18 years of age.....	96	376	587	1,263	893	680	660	413	562	315	136	62	10	31	5,427
Females under 18 years of age.....	54	68	85	86	77	48	13	.....	.....	.....	.....	.....	.....	.....	443
Males under 18 years of age.....	41	15	23	9	1	1	.....	.....	.....	.....	.....	.....	.....	.....	91
HAMILTON COUNTY															
Males 18 years of age or over.....	3,125	1,245	2,276	5,580	6,587	6,388	5,873	7,536	16,800	24,880	15,898	15,278	4,031	709	112,804
Females 18 years of age or over.....	294	368	1,051	1,735	2,190	2,190	2,405	4,864	13,979	23,412	16,464	15,102	3,994	700	56,570
Males under 18 years of age.....	612	1,230	3,697	4,264	3,846	3,318	2,619	2,619	2,294	1,442	400	170	37	9	23,897
Females under 18 years of age.....	182	461	584	451	288	126	126	46	20	2	.....	.....	.....	.....	2,122
Males under 18 years of age.....	267	272	238	127	65	24	24	7	.....	.....	.....	.....	.....	.....	1,009
LUCAS COUNTY															
Males 18 years of age or over.....	1,064	178	359	902	2,048	1,731	1,827	1,559	6,607	10,716	11,647	11,647	2,968	613	56,937
Females 18 years of age or over.....	22	49	121	269	533	492	492	5,480	10,610	15,171	10,610	11,601	2,976	613	46,916
Males under 18 years of age.....	109	200	652	1,625	1,076	1,076	1,022	621	1,081	283	99	46	12	1	6,827
Females under 18 years of age.....	13	59	78	77	92	76	76	57	8	.....	.....	.....	.....	.....	494
Males under 18 years of age.....	34	51	51	81	30	30	37	7	.....	.....	.....	.....	.....	.....	300
MONTGOMERY COUNTY															
Males 18 years of age or over.....	822	251	344	872	1,593	1,684	1,883	2,120	5,480	8,687	6,881	7,748	2,248	329	39,845
Females 18 years of age or over.....	76	69	163	263	446	446	473	1,451	3,948	6,256	6,77	7,717	2,244	327	32,434
Males under 18 years of age.....	116	197	545	1,233	1,178	1,178	971	1,635	1,499	578	3	25	4	3	6,887
Females under 18 years of age.....	28	42	84	78	18	18	31	11	.....	.....	.....	.....	.....	.....	387
Males under 18 years of age.....	31	36	68	19	6	4	4	3	.....	.....	.....	.....	.....	.....	167

PER CENT OF WAGE EARNERS AT EACH CLASSIFIED RATE OF WAGES PER WEEK.
Summary for the State and for Cuyahoga, Franklin, Hamilton, Lucas and Montgomery Counties.

County, Sex and Age.	Num-ber of estab-lish-ments re-ported.	Num-ber of wage earners re-ported.	Per cent of wage earners at each classified rate of wages per week.											Total.	
			Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.		\$25 but under \$35.	$35 and over.
THE STATE	18,306	810,355	7	1.1	2.5	3.7	3.7	3.9	5.6	14.6	24.9	15.9	17.1	5.3	100
Males 18 years of age or over.....		693,707	.2	.2	.5	.9	1.3	2.1	4.8	15.3	28.5	18.6	20.1	6.3	100
Females 18 years of age or over.....		111,410	2.5	4.9	12.0	18.7	17.1	14.3	10.6	11.6	6.9	1.6	.7	1.1	100
Males under 18 years of age.....		10,713	10.3	12.6	20.8	19.9	15.9	9.5	6.8	2.9	1.0	.2	a	.....	100
Females under 18 years of age.....		4,556	18.6	23.1	25.4	17.7	8.4	5.0	2.3	.9	.6	a	.....	.....	100
CUYAHOGA COUNTY	2,955	135,405	2	.6	1.5	3.6	4.0	4.1	5.1	13.9	24.6	17.5	18.1	5.7	100
Males 18 years of age or over.....		155,102	.1	.1	.3	.6	.9	1.7	3.8	14.3	28.1	20.6	21.4	6.8	100
Females 18 years of age or over.....		27,005	.6	2.0	6.2	18.1	20.0	16.5	12.8	7.5	2.1	1.0	.3	.1	100
Males under 18 years of age.....		4,100	2.0	8.7	17.2	24.6	20.6	15.6	6.2	3.3	1.4	.3	a	.....	100
Females under 18 years of age.....		1,189	3.4	23.9	26.3	24.6	11.8	6.1	2.8	.5	.7	.1	.....	.....	100
FRANKLIN COUNTY	1,123	37,557	7	1.4	2.5	4.8	3.7	4.5	5.8	14.5	23.8	15.7	16.9	4.8	100
Males 18 years of age or over.....		31,598	.3	.2	.8	1.4	1.5	3.1	6.2	15.5	27.3	18.2	19.9	5.7	100
Females 18 years of age or over.....		5,427	1.8	6.9	10.8	23.3	16.5	12.2	9.7	10.4	5.8	2.5	1.0	.2	100
Males under 18 years of age.....		1,443	12.2	15.3	19.2	19.4	17.4	10.8	2.9	1.8	.9	.....	.....	.....	100
Females under 18 years of age.....		91	45.1	16.5	25.3	9.9	1.1	1.1	.....	.....	1.1	.....	.....	.....	100
HAMILTON COUNTY	3,125	112,694	1.2	2.0	4.9	5.8	5.7	5.2	6.7	14.5	22.1	14.1	13.6	3.5	100
Males 18 years of age or over.....		85,576	.3	.5	1.2	2.0	2.6	2.8	2.8	16.3	27.4	18.1	17.5	4.7	100
Females 18 years of age or over.....		23,897	2.6	5.0	15.5	17.8	16.1	13.9	11.0	9.8	6.0	1.7	.7	.8	100
Males under 18 years of age.....		2,123	8.6	20.2	28.8	21.7	13.6	5.9	2.2	.9	.2	.1	a	.....	100
Females under 18 years of age.....		1,009	26.5	27.0	23.6	12.6	6.4	2.4	.7	.7	.2	.....	.....	.....	100
LUCAS COUNTY	1,064	53,537	3	.6	1.6	3.5	3.1	2.9	2.9	11.7	27.3	19.0	20.6	5.3	100
Males 18 years of age or over.....		48,915	a	.1	.9	3.5	1.1	1.0	2.0	11.2	31.0	21.7	23.7	6.1	100
Females 18 years of age or over.....		6,327	1.6	2.9	9.5	23.8	15.8	15.0	9.1	15.8	4.1	1.5	.7	.2	100
Males under 18 years of age.....		484	2.6	11.9	15.8	14.8	13.6	15.4	11.5	7.9	1.2	.2	.....	.....	100
Females under 18 years of age.....		300	11.3	17.0	17.0	27.0	10.0	12.3	.3	2.3	.7	.....	.....	.....	100
MONTGOMERY COUNTY	822	33,545	5	.9	2.2	4.0	4.2	4.7	5.3	13.7	21.7	16.8	19.4	5.5	100
Males 18 years of age or over.....		32,424	.2	.3	.5	.8	1.4	2.7	4.5	12.2	25.5	20.4	23.8	6.9	100
Females 18 years of age or over.....		6,367	1.7	2.9	7.3	18.0	17.1	14.2	9.3	31.9	5.5	1.1	.4	.1	100
Males under 18 years of age.....		1,377	7.2	10.9	24.3	20.2	16.0	9.0	8.0	3.1	.8	.8	.....	.....	100
Females under 18 years of age.....		167	13.5	21.6	40.7	11.4	3.0	2.4	1.8	.....	.....	.....	.....	.....	100

a—Less than one-tenth of one per cent.

BOOKKEEPERS, STENOGRAPHERS AND OFFICE CLERKS.

This report includes data for 71,881 bookkeepers, stenographers and office clerks distributed as follows:

Males, 18 years of age or over.....	40,411
Females, 18 years of age or over.....	29,427
Males, under 18 years of age.....	1,338
Females, under 18 years of age.....	705
Total	71,881

The report on rates of wages, hours of labor and fluctuation of employment issued by this Department for the year 1914 contained wage information concerning 62,031 bookkeepers, stenographers and office clerks and it was stated that in view of the fact that very few such compilations had been made concerning this class of employes, that report undoubtedly brought together more data concerning this class than any report previously published in the United States. As the present report includes data concerning an increased number of this class of workers, offering comparisons with the information secured in a previous year, a study of the facts presented should be of interest.

General Table II presents for the State data for 1915 for every industry in which three or more establishments reported and 100 or more bookkeepers, stenographers and office clerks are represented. This table also shows, for each of the 20 counties of the state which had a population of 50,000 or over in 1910, every industry in which three or more establishments reported and 50 or more bookkeepers, stenographers and office clerks are represented.

The wage data for the 40,411 male bookkeepers, stenographers and office clerks 18 years of age or over reported for 1915 are briefly summarized below showing a comparison with similar data as reported for 1914:

CLASSIFIED RATES OF WAGES OF MALE BOOKKEEPERS, STENOGRAPHERS AND OFFICE CLERKS 18 YEARS OF AGE OR OVER.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of adult male bookkeepers, stenographers, and office clerks at each classified rate.	Per cent distribution.	Number of adult male bookkeepers, stenographers, and office clerks at each classified rate.	Per cent distribution.
Less than \$6.....	650	1.6	641	1.8
\$6 but under \$7.....	697	1.7	626	1.8
\$7 but under \$8.....	730	1.8	681	1.9
\$8 but under \$9.....	966	2.4	836	2.4
\$9 but under \$10.....	1,135	2.8	1,087	3.1
\$10 but under \$12.....	3,165	7.8	3,066	8.7
\$12 but under \$15.....	5,635	13.9	5,133	14.5
\$15 but under \$18.....	7,522	18.6	6,833	19.3
\$18 but under \$25.....	9,724	24.1	8,332	23.5
\$25 but under \$35.....	6,594	16.3	5,415	15.3
\$35 or over.....	3,593	8.9	2,732	7.7
Total	40,411	100.0	35,382	100.0

It will be seen that, according to the above table, there was a very consistent decrease in the per cent of the total number reported in 1915, working at each classified rate below \$18 but under \$25 per week and a corresponding increase in the per cent working at each classified rate above \$15 but under \$18 per week, as compared with the per cent distribution of those reported at each classified rate in 1914.

The numbers and percentages for the 40,411 male bookkeepers, stenographers and office clerks 18 years of age or over reported for 1915 are arranged in cumulative form below, showing a comparison with similar data as reported for 1914:

NUMBERS AND PERCENTAGES IN CUMULATIVE FORM.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of adult male bookkeepers, stenographers and office clerks.	Per cent of total.	Number of adult male bookkeepers, stenographers and office clerks.	Per cent of total.
Less than \$9-----	3,043	7.5	2,784	7.9
Less than \$10-----	4,178	10.3	3,871	11.0
Less than \$12-----	7,343	18.1	6,937	19.7
Less than \$15-----	12,978	32.0	12,070	34.2
Less than \$18-----	20,500	50.6	18,903	53.5
Less than \$25-----	30,224	74.7	27,235	77.0

The wage data for the 29,427 female bookkeepers, stenographers and office clerks 18 years of age or over reported for 1915 are briefly summarized below, showing a comparison with similar data as reported for 1914:

CLASSIFIED RATES OF WAGES OF FEMALE BOOKKEEPERS, STENOGRAPHERS AND OFFICE CLERKS 18 YEARS OF AGE OR OVER.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of adult female bookkeepers, stenographers and office clerks at each classified rate.	Per cent distribution.	Number of adult female bookkeepers, stenographers and office clerks at each classified rate.	Per cent distribution.
Less than \$4-----	155	.5	264	1.1
\$4 but under \$5-----	407	1.4	438	1.8
\$5 but under \$6-----	1,011	3.4	992	4.1
\$6 but under \$7-----	2,219	7.5	1,833	7.5
\$7 but under \$8-----	2,735	9.3	2,357	9.6
\$8 but under \$9-----	3,396	11.5	2,722	11.1
\$9 but under \$10-----	3,042	10.3	2,402	9.8
\$10 but under \$12-----	5,511	18.7	4,622	18.9
\$12 but under \$15-----	5,588	19.0	4,418	18.1
\$15 but under \$18-----	3,410	11.6	2,756	11.3
\$18 or over-----	1,953	6.6	1,636	6.7
Total -----	29,427	100.0	24,442	100.0

The numbers and percentages for the 29,427 female bookkeepers, stenographers and office clerks 18 years of age or over reported for 1915, are arranged in cumulative form below, showing a comparison with similar data as reported for 1914:

NUMBERS AND PERCENTAGES IN CUMULATIVE FORM.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of adult female bookkeepers, stenographers and office clerks.	Per cent of total.	Number of adult female bookkeepers, stenographers and office clerks.	Per cent of total.
Less than \$5-----	562	1.9	702	2.9
Less than \$6-----	1,573	5.3	1,694	7.0
Less than \$7-----	3,792	12.8	3,527	14.5
Less than \$8-----	6,527	22.1	5,884	24.1
Less than \$9-----	9,923	33.6	8,606	35.2
Less than \$10-----	12,965	43.9	11,008	45.0
Less than \$12-----	18,476	62.6	15,630	63.9
Less than \$15-----	24,064	81.6	20,048	82.0

It will be seen that the above tables do not show such a general decrease in the percentage of adult females at lower rates and an increased percentage at higher rates during 1915 as was shown by the tables referring to adult males of this occupation group. However, in the table of cumulative percentages, a slight decrease in percentages at low rates during 1915 is shown.

General Table II shows detailed information for 1,338 male and 705 female bookkeepers, stenographers and office clerks under 18 years of age reported for 1915, but the data have not been summarized. It is notable, however, that there is a decreased number of young persons of this occupation group reported for 1915 as compared with 1914, as for the year 1914 there were reported 1,328 males and 879 females of the same group.

The two tables which follow show for the State and also for Cuyahoga, Franklin, Hamilton, Lucas and Montgomery Counties, the number and per cent of bookkeepers, stenographers and office clerks at each classified rate per week as reported for 1915. The first table shows numbers and the second percentages.

NUMBER OF BOOKKEEPERS, STENOGRAPHERS AND OFFICE CLERKS AT EACH CLASSIFIED RATE OF WAGES PER WEEK.
Summary for the State and for Cuyahoga, Franklin, Hamilton, Lucas and Montgomery Counties.

County, Sex and Age.	Num-ber of estab-lish-ments re-ported.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
THE STATE	18,308	405	767	1,909	3,427	3,753	4,525	4,259	8,756	11,920	10,952	11,394	6,969	3,585	71,831
Males 18 years of age or over.....	107	123	420	697	730	780	966	1,135	3,155	5,635	7,522	9,724	6,994	3,585	40,411
Females 18 years of age or over.....	156	407	1,011	2,219	2,735	2,785	3,560	3,042	5,611	6,685	3,410	1,586	5,994	3,422	29,427
Males under 18 years of age.....	109	147	332	355	176	176	90	40	56	14	8	2	.....	.....	1,338
Females under 18 years of age.....	24	50	116	156	112	112	73	42	45	23	12	2	.....	.....	706
CUYAHOGA COUNTY	2,955	31	80	348	655	848	1,088	1,070	2,272	2,924	3,146	3,167	1,893	1,108	18,671
Males 18 years of age or over.....	8	14	106	188	179	297	391	291	783	1,338	1,908	2,069	1,519	1,057	10,357
Females 18 years of age or over.....	8	17	110	277	576	576	717	744	1,464	1,516	1,263	686	114	7,432	449
Males under 18 years of age.....	14	40	104	131	79	44	19	19	11	3	3	1	.....	.....	213
Females under 18 years of age.....	1	9	23	60	42	30	16	14	14	7	4	2	.....	.....	213
FRANKLIN COUNTY	1,123	12	16	83	176	197	308	293	577	728	707	712	412	187	4,408
Males 18 years of age or over.....	5	6	18	40	46	65	85	77	197	323	468	686	391	187	2,419
Females 18 years of age or over.....	6	11	33	121	140	242	213	213	377	408	237	117	21	187	1,920
Males under 18 years of age.....	12	.....	20	12	6	1	.....	1	.....	.....	.....	.....	.....	.....	62
Females under 18 years of age.....	2	.....	3	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
HAMILTON COUNTY	3,125	121	207	487	715	823	1,013	994	1,911	2,325	1,888	1,838	1,113	651	14,011
Males 18 years of age or over.....	29	43	114	186	194	235	275	275	756	1,171	1,222	1,508	1,040	644	7,415
Females 18 years of age or over.....	27	61	211	424	675	766	646	646	1,146	1,143	643	329	73	7	6,941
Males under 18 years of age.....	37	55	125	73	35	13	9	9	3	5	.....	.....	.....	.....	386
Females under 18 years of age.....	23	48	37	33	24	24	18	4	6	6	3	1	.....	.....	198
LUCAS COUNTY	1,084	29	21	88	244	292	328	295	673	907	849	845	524	306	5,401
Males 18 years of age or over.....	1	1	23	45	69	72	72	72	229	415	578	724	504	306	3,046
Females 18 years of age or over.....	27	8	45	173	211	238	196	196	435	489	269	121	20	2	2,233
Males under 18 years of age.....	1	1	8	13	13	13	8	6	.....	.....	.....	.....	.....	.....	70
Females under 18 years of age.....	.....	4	3	13	10	10	6	4	3	1	1	.....	.....	.....	53
MONTGOMERY COUNTY	823	29	14	28	89	149	170	249	405	426	469	592	363	123	2,106
Males 18 years of age or over.....	6	2	13	19	17	20	20	40	115	197	237	653	333	123	1,790
Females 18 years of age or over.....	8	3	13	61	110	141	141	208	286	229	127	89	15	1	1,241
Males under 18 years of age.....	25	7	3	6	21	6	6	1	.....	.....	.....	.....	.....	.....	76
Females under 18 years of age.....	.....	2	.....	3	1	3	3	.....	.....	.....	.....	.....	.....	.....	10

PER CENT OF BOOKKEEPERS, STENOGRAPHERS AND OFFICE CLERKS AT EACH CLASSIFIED RATE OF WAGES PER WEEK.
Summary for the State and for Cuyahoga, Franklin, Hamilton, Lucas and Montgomery Counties.

County, Sex and Age.	Num- ber of book- keepers, stenog- raphers and office clerks re- ported.	Per cent of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.	
THE STATE	13,308	6	1.1	2.7	4.8	5.2	6.3	5.9	12.2	15.7	15.3	15.8	9.6	5.1	100
Males 18 years of age or over....	40,411	3	1.3	1.0	1.7	1.3	2.4	2.8	7.8	13.9	13.6	24.1	16.1	8.9	100
Females 18 years of age or over....	29,427	5	1.4	3.4	7.5	9.3	11.5	10.3	18.7	19.0	11.6	6.4	1.1	.1	100
Males under 18 years of age....	1,338	8.1	11.0	27.1	28.5	13.2	6.7	3.0	2.6	1.0	.6	.1	.....	.....	100
Females under 18 years of age....	705	4.8	12.8	16.5	22.1	15.9	10.4	6.0	6.4	3.3	1.7	.3	.....	.....	100
CUYAHOGA COUNTY	2,955	2	4	1.9	3.5	4.5	5.8	5.7	12.2	15.7	15.8	17.0	10.4	6.9	100
Males 18 years of age or over....	10,587	1	1	1.0	1.8	1.7	2.8	2.7	7.4	12.5	18.0	24.3	17.2	10.3	100
Females 18 years of age or over....	7,422	1.1	2	1.5	3.7	7.4	9.7	10.0	19.7	21.2	16.6	8.0	1.5	.3	100
Males under 18 years of age....	449	3.1	8.9	23.2	25.2	17.5	9.8	4.2	2.4	.7	.2	.....	.....	.....	100
Females under 18 years of age....	213	5	4.2	13.1	25.2	19.7	14.1	7.5	6.6	3.3	1.9	.9	.....	.....	100
FRANKLIN COUNTY	1,123	3	4	1.9	4.0	4.5	7.0	6.6	13.1	15.5	15.0	16.2	9.3	4.2	100
Males 18 years of age or over....	2,419	2	2	1.7	1.7	2.0	2.7	3.2	8.1	13.4	19.3	24.6	15.2	7.7	100
Females 18 years of age or over....	1,920	3	6	1.7	6.3	7.3	12.5	11.1	19.6	21.0	12.3	6.1	1.1	.....	100
Males under 18 years of age....	62	3.8	.....	57.7	23.1	11.5	1.9	1.9	.....	.....	.....	.....	.....	.....	100
Females under 18 years of age....	17	.....	.....	11.8	17.6	17.5	.....	11.8	17.6	11.8	.....	.....	.....	.....	100
HAMILTON COUNTY	3,125	9	1.5	3.5	5.1	5.9	7.2	6.7	13.6	15.5	13.3	13.1	7.9	4.5	100
Males 18 years of age or over....	14,011	4	6	1.5	2.5	2.5	3.2	3.7	10.3	15.8	15.5	20.3	14.0	8.7	100
Females 18 years of age or over....	6,041	4	1.0	3.5	7.0	9.5	12.5	10.7	19.0	18.9	10.6	6.4	1.2	.1	100
Males under 18 years of age....	356	10.4	15.4	35.1	20.5	9.8	3.7	2.5	8	1.4	.....	.3	.....	.....	100
Females under 18 years of age....	188	14.1	24.2	18.7	16.7	12.1	4.5	2.0	3.0	1.5	.....	.....	.....	.....	100
LUCAS COUNTY	1,084	5	4	1.6	4.5	5.4	6.1	5.5	12.5	15.7	15.7	15.6	9.7	5.7	100
Males 18 years of age or over....	5,401	1	.....	8	1.5	1.9	2.4	3.0	7.5	13.5	19.0	23.8	16.6	10.0	100
Females 18 years of age or over....	3,045	1.2	4	2.0	7.7	9.4	10.7	8.7	19.5	21.9	12.0	6.4	.9	.1	100
Males under 18 years of age....	2,233	7	11.4	24.3	18.6	18.5	11.4	5.7	7.1	.....	1.4	.....	.....	.....	100
Females under 18 years of age....	53	.....	7.5	5.7	24.5	17.0	18.9	11.3	7.5	5.7	1.9	.....	.....	.....	100
MONTGOMERY COUNTY	822	1.3	.5	2.9	4.5	4.8	5.5	8.0	13.0	13.7	15.1	19.1	11.4	4.0	100
Males 18 years of age or over....	3,106	3	1	.7	1.1	1.0	1.1	2.2	6.5	11.1	19.0	31.1	19.0	6.9	100
Females 18 years of age or over....	1,780	6	2	1.0	4.9	8.9	11.4	16.8	23.0	18.5	10.2	3.1	1.3	.1	100
Males under 18 years of age....	1,241	33.3	9.3	8.0	8.0	28.0	8.0	1.3	4.0	.....	4.0	.....	.....	.....	100
Females under 18 years of age....	75	.....	20.0	.....	80.0	10.0	30.0	.....	10.0	.....	.....	.....	.....	.....	100

SALESPeOPLE.

This report includes data for 37,388 salespeople (not traveling) distributed as follows:

Males, 18 years of age or over.....	17,736
Females, 18 years of age or over.....	18,897
Males, under 18 years of age.....	375
Females, under 18 years of age.....	380
Total	37,388

General Table III presents for the State data for 1915 for every industry in which three or more establishments reported and 100 or more salespeople are represented. This table also shows for each of the 20 counties of the State which had a population of 50,000 or over in 1910, every industry in which three or more establishments reported and 50 or more salespeople are represented.

The wage data for the 17,736 salesmen (not traveling) 18 years of age or over reported for 1915, are briefly summarized below showing a comparison with similar data as reported for 1914:

CLASSIFIED RATES OF WAGES OF SALESMEN (NOT TRAVELING) 18
YEARS OF AGE OR OVER.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of adult salesmen (not traveling) at each classified rate.	Per cent distribution.	Number of adult salesmen (not traveling) at each classified rate.	Per cent distribution.
Less than \$6.....	293	1.7	292	1.9
\$6 but under \$7.....	266	1.5	226	1.5
\$7 but under \$8.....	291	1.6	339	2.2
\$8 but under \$9.....	403	2.3	335	2.2
\$9 but under \$10.....	493	2.8	485	3.2
\$10 but under \$12.....	1,359	7.7	1,212	8.0
\$12 but under \$15.....	3,066	17.3	2,642	17.4
\$15 but under \$18.....	3,856	21.7	3,076	20.3
\$18 but under \$25.....	4,252	24.0	3,474	22.9
\$25 but under \$35.....	2,352	13.3	2,011	13.3
\$35 or over.....	1,105	6.2	1,077	7.1
Total	17,736	100.0	15,169	100.0

The numbers and percentages for the 17,736 salesmen (not traveling) 18 years of age or over reported for 1915, are arranged in cumulative form below, showing a comparison with similar data as reported for 1914:

NUMBERS AND PERCENTAGES IN CUMULATIVE FORM.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of adult salesmen (not traveling)	Per cent of total.	Number of adult salesmen (not traveling)	Per cent of total.
Less than \$9.....	1,253	7.1	1,192	7.8
Less than \$10.....	1,746	9.9	1,677	11.0
Less than \$12.....	3,105	17.6	2,889	19.0
Less than \$15.....	6,171	34.9	5,531	36.4
Less than \$18.....	10,027	56.6	8,607	56.7
Less than \$25.....	14,279	80.6	12,081	79.6

The wage data for the 18,879 saleswomen 18 years of age or over as reported for 1915, are briefly summarized below, showing a comparison with similar data as reported for 1914:

CLASSIFIED RATES OF WAGES OF SALESWOMEN (NOT TRAVELING) 18 YEARS OF AGE OR OVER.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of adult saleswomen (not traveling) at each classified rate.	Per cent distribution.	Number of adult saleswomen (not traveling) at each classified rate.	Per cent distribution.
Less than \$4.....	211	1.1	241	1.3
\$4 but under \$5.....	911	4.8	790	4.3
\$5 but under \$6.....	1,886	10.0	2,635	14.5
\$6 but under \$7.....	3,673	19.4	3,723	20.4
\$7 but under \$8.....	3,414	18.1	2,690	14.8
\$8 but under \$9.....	2,355	12.5	2,220	12.2
\$9 but under \$10.....	1,612	8.5	1,336	7.3
\$10 but under \$12.....	2,065	10.9	1,913	10.5
\$12 but under \$15.....	1,445	7.6	1,308	7.2
\$15 but under \$18.....	745	3.9	770	4.2
\$18 or over.....	580	3.1	599	3.3
Total	18,897	100.0	18,225	100.0

The numbers and percentages for the 18,897 saleswomen 18 years of age or over as reported for 1915 are arranged in cumulative form below, showing a comparison with similar data as reported for 1914:

NUMBERS AND PERCENTAGES IN CUMULATIVE FORM.

Rate of wages per week.	As reported for 1915.		As reported for 1914.	
	Number of adult saleswomen.	Per cent of total.	Number of adult saleswomen.	Per cent of total.
Less than \$5-----	1,122	5.9	1,031	5.6
Less than \$6-----	3,008	15.9	3,666	20.1
Less than \$7-----	6,681	35.3	7,389	40.5
Less than \$8-----	10,095	53.4	10,079	55.3
Less than \$9-----	12,450	65.9	12,299	67.5
Less than \$10-----	14,062	74.4	13,635	74.8
Less than \$12-----	16,127	85.3	15,548	85.3
Less than \$15-----	17,572	92.9	16,856	92.5

General Table III shows detailed information for 375 male and 380 female salespeople under 18 years of age, but the data have not been summarized.

The two tables which follow show for the State and for Cuyahoga, Franklin, Hamilton, Lucas and Montgomery Counties, the number and per cent of salespeople at each classified rate per week as reported for 1915. The first table shows numbers and the second percentages.

NUMBER OF SALESPEOPLE (NOT TRAVELING) AT EACH CLASSIFIED RATE OF WAGES PER WEEK.

Summary for the State and for Cuyahoga, Franklin, Hamilton, Lucas and Montgomery Counties.

County. Sex and Age.	Num-ber of estab-lish-ments re-port-ing.	Number of salespeople (not traveling) at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
THE STATE.															
Males 18 years of age or over.....	13,308	416	1,089	2,232	4,064	3,796	2,793	2,133	3,445	4,523	4,603	4,690	2,451	1,148	37,388
Females 18 years of age or over.....	18,897	73	64	156	286	291	403	493	1,359	3,066	3,856	4,252	2,352	1,106	17,736
Males under 18 years of age.....	375	211	911	1,886	3,673	3,414	2,356	1,512	2,065	1,445	745	408	129	43	18,897
Females under 18 years of age.....	280	87	48	65	60	49	16	22	12	14	2	2	.....	.....	375
Females under 18 years of age.....	.....	45	66	125	65	42	19	6	9	3	.....	.....	.....	.....	280
CUYAHOGA COUNTY.															
Males 18 years of age or over.....	2,955	10	16	304	594	1,064	765	634	851	1,169	1,223	1,308	865	439	9,237
Females 18 years of age or over.....	.....	.....	2	32	28	40	38	99	229	707	954	1,176	525	426	4,606
Males under 18 years of age.....	.....	5	11	214	526	983	689	533	622	462	269	127	40	13	4,474
Females under 18 years of age.....	.....	6	2	16	20	13	4	2	.....	.....	.....	.....	.....	62	.....
Females under 18 years of age.....	.....	.....	1	42	20	28	4	.....	.....	.....	.....	.....	.....	.....	95
FRANKLIN COUNTY.															
Males 18 years of age or over.....	1,123	26	30	142	277	229	212	159	262	335	356	418	224	107	2,477
Females 18 years of age or over.....	.....	4	3	7	29	20	19	33	113	205	279	377	248	106	1,412
Males under 18 years of age.....	.....	16	21	132	248	208	180	125	148	128	77	41	16	2	1,342
Females under 18 years of age.....	.....	3	.....	1	.....	1	1	.....	.....	2	.....	.....	.....	.....	8
Females under 18 years of age.....	.....	3	6	2	.....	.....	2	1	1	.....	.....	.....	.....	.....	15
HAMILTON COUNTY.															
Males 18 years of age or over.....	3,125	69	117	457	974	662	522	362	752	901	893	836	471	257	7,249
Females 18 years of age or over.....	.....	7	7	56	56	74	96	114	340	624	743	768	446	244	3,576
Males under 18 years of age.....	.....	13	65	351	872	577	416	242	403	273	125	68	25	13	3,414
Females under 18 years of age.....	.....	15	18	22	11	7	3	.....	2	3	1	.....	.....	.....	85
Females under 18 years of age.....	.....	34	25	28	35	4	7	3	7	1	.....	.....	.....	.....	145
LUCAS COUNTY.															
Males 18 years of age or over.....	1,064	3	8	127	318	329	262	192	294	343	427	479	190	102	3,074
Females 18 years of age or over.....	.....	2	.....	2	17	21	23	54	114	226	360	448	183	92	1,542
Males under 18 years of age.....	.....	1	7	110	289	287	233	125	175	111	68	31	7	10	1,452
Females under 18 years of age.....	.....	.....	.....	1	12	17	6	13	15	6	1	.....	.....	.....	74
Females under 18 years of age.....	.....	.....	.....	1	.....	4	1	.....	.....	.....	.....	.....	.....	.....	6
MONTGOMERY COUNTY.															
Males 18 years of age or over.....	822	73	32	65	355	249	146	106	158	210	289	229	117	34	2,063
Females 18 years of age or over.....	.....	6	13	3	18	16	23	26	74	141	253	215	108	34	930
Males under 18 years of age.....	.....	65	17	59	236	233	123	80	83	69	36	14	9	.....	1,122
Females under 18 years of age.....	.....	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Females under 18 years of age.....	.....	1	1	2	.....	1	.....	.....	1	.....	.....	.....	.....	.....	6

PER CENT OF SALESPeOPLE (NOT TRAVELING) AT EACH CLASSIFIED RATE OF WAGES PER WEEK.
Summary for the State and for Cuyahoga, Franklin, Hamilton, Lucas and Montgomery Counties.

County, Sex and Age.	Num-ber of estab-lish-ments re-ported.	Num-ber of sales-people (not travelling) at each classified rate of wages per week.	Per cent of salespeople (not travelling) at each classified rate of wages per week.													
			Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
THE STATE.																
Males 18 years of age or over.....	15,308	37,388	1.1	2.9	6.0	10.9	10.2	7.5	5.7	9.2	12.1	12.3	12.5	6.6	3.1	100
Females 18 years of age or over.....	18,897	17,736	1.4	4.8	9	1.6	2.3	2.8	2.8	7.7	17.3	21.7	24.0	13.3	6.2	100
Males under 18 years of age.....	375	375	23.2	12.3	17.3	16.0	13.1	4.3	5.9	3.2	3.7	3.9	2.2	.7	.2	100
Females under 18 years of age.....	380	380	11.8	17.4	32.9	17.1	11.1	6.0	1.6	2.4	.....	.....	.....	.....	.....	100
CUYAHOGA COUNTY.																
Males 18 years of age or over.....	2,955	9,237	1	2	3.3	6.4	11.5	8.3	6.9	9.2	12.7	13.2	14.1	9.4	4.8	100
Females 18 years of age or over.....	4,466	4,466	.....	.....	7	6	9	1.9	2.1	5.0	15.3	20.7	25.5	17.9	9.2	100
Males under 18 years of age.....	63	63	1	3.2	25.8	32.3	21.0	15.0	11.9	13.9	10.3	6.0	2.8	.9	.3	100
Females under 18 years of age.....	95	95	8.1	11	44.2	21.1	29.5	4.2	.....	.....	.....	.....	.....	.....	.....	100
FRANKLIN COUNTY.																
Males 18 years of age or over.....	1,123	2,777	9	1.1	5.1	10.0	8.2	7.6	5.7	9.4	12.1	12.8	15.1	8.1	3.9	100
Females 18 years of age or over.....	1,412	1,412	3	2	5	2.1	1.4	2.1	2.3	8.0	14.5	19.8	26.7	14.7	7.4	100
Males under 18 years of age.....	8	8	12	1.6	9.8	18.5	15.5	13.4	9.3	11.0	9.5	5.7	3.1	1.2	.1	100
Females under 18 years of age.....	15	15	37.5	.....	12.5	.....	12.5	12.5	.....	.....	25.0	.....	.....	.....	.....	100
HAMILTON COUNTY.																
Males 18 years of age or over.....	3,135	7,249	1.0	1.6	6.3	13.4	9.1	7.2	5.0	10.4	12.4	12.0	11.5	6.5	3.5	100
Females 18 years of age or over.....	3,444	3,444	2	3	1.6	1.6	2.1	2.7	3.2	9.5	17.5	20.8	21.5	12.5	6.8	100
Males under 18 years of age.....	85	85	19	1.9	10.2	25.3	15.8	12.1	7.0	11.7	7.9	3.6	2.0	.7	.4	100
Females under 18 years of age.....	145	145	17.6	21.2	25.9	12.9	8.2	3.5	2.4	3.5	3.5	1.2	.....	.....	.....	100
LUCAS COUNTY.																
Males 18 years of age or over.....	1,084	3,074	1	3	4.1	10.3	10.7	8.5	6.2	9.6	11.2	13.9	15.6	6.2	3.3	100
Females 18 years of age or over.....	1,542	1,542	.....	.....	1	1.1	1.4	1.5	3.5	7.4	14.7	23.3	29.1	11.9	6.0	100
Males under 18 years of age.....	74	74	1	5	7.6	19.9	19.8	16.0	8.6	12.1	7.5	4.5	2.1	1.5	.7	100
Females under 18 years of age.....	6	6	.....	.....	16.7	.....	66.7	16.7	.....	.....	8.1	1.4	.....	.....	.....	100
MONTGOMERY COUNTY.																
Males 18 years of age or over.....	822	2,053	3.5	1.6	3.2	17.2	12.1	7.1	5.1	7.7	10.2	14.0	11.1	5.7	1.6	100
Females 18 years of age or over.....	980	980	6	1.4	3	1.9	1.7	2.5	2.8	8.0	15.2	27.2	23.1	11.6	3.7	100
Males under 18 years of age.....	1,123	1,123	5.8	1.5	5.3	29.9	20.7	11.0	7.1	7.4	6.1	3.2	1.2	1.8	.....	100
Females under 18 years of age.....	4	4	25.0	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100
Males under 18 years of age.....	6	6	16.7	16.7	33.3	.....	16.7	.....	.....	16.7	.....	.....	.....	.....	.....	100

SUMMARY.

The combined data for male wage earners, for male bookkeepers, stenographers and office clerks, and for salesmen for 1915 show rates of wages for 741,854 males 18 years of age or over. The table which follows summarizes this information and compares the rates of wages of the three general occupation groups:

CLASSIFIED RATES OF WAGES OF MALES 18 YEARS OF AGE OR OVER.

Rate of wages per week.	Number of adult males at each classified rate.				Per cent distribution.			
	Wage earners.	Book-keepers, stenog-raphers and office clerks.	Sales-men (not travel-ing.)	Total.	Wage earners.	Book-keepers, stenog-raphers and office clerks.	Sales-men (not travel-ing.)	Total.
Less than \$6.....	5,991	650	293	6,934	.9	1.6	1.7	.9
\$6 but under \$7.....	6,312	697	266	7,275	.9	1.7	1.6	1.0
\$7 but under \$8.....	9,000	730	291	10,021	1.3	1.8	1.6	1.4
\$8 but under \$9.....	14,068	966	403	15,437	2.1	2.4	2.3	2.1
\$9 but under \$10.....	32,644	1,135	493	34,272	4.3	2.8	2.8	4.6
\$10 but under \$12.....	104,912	3,165	1,369	109,446	15.3	7.8	7.7	14.8
\$12 but under \$15.....	195,172	5,635	3,066	203,873	28.6	12.9	17.3	27.6
\$15 but under \$18.....	126,947	7,522	3,866	138,325	18.6	18.6	21.7	18.6
\$18 but under \$25.....	137,467	9,724	4,252	151,433	20.1	24.1	24.0	20.4
\$25 but under \$35.....	42,758	6,594	2,352	51,704	6.8	16.3	12.3	7.0
\$35 or over.....	8,446	3,593	1,106	13,144	1.2	8.9	6.2	1.8
Total.....	683,707	40,411	17,736	741,854	100.0	100.0	100.0	100.0

A comparison with distribution of workers at each rate as reported for 1914 shows that the rates of wages of adult males in each occupation group have remained in substantially the same relation to the rates in the other groups in spite of the general change of per cent working at each rate. However, a larger per cent of bookkeepers, stenographers and office clerks were employed at less than \$10 per week, than either of the other two groups, whereas, a larger per cent of wage earners were employed at such rate as reported for 1914. A full comparison of cumulative percentages for 1914 and 1915 is given in the following table:

COMPARISON OF CUMULATIVE PERCENTAGES OF ADULT MALES IN EACH OCCUPATION GROUP AS REPORTED FOR 1914 AND 1915.

Rate of wages per week.	Per cent of each occupation group.							
	As reported for 1915.				As reported for 1914.			
	Wage earners.	Book-keepers, stenog-raphers and office clerks.	Sales-people (not travel-ing.)	Total.	Wage earners.	Book-keepers, stenog-raphers and office clerks.	Sales-people (not travel-ing.)	Total.
Less than \$10.	10.0	10.3	9.9	10.0	11.7	11.0	11.0	11.5
Less than \$12.	25.3	18.1	17.6	24.8	29.6	19.7	19.0	28.6
Less than \$15.	53.8	32.0	34.9	52.3	56.9	34.2	36.4	54.9
Less than \$18.	72.4	50.6	56.6	70.9	76.0	53.5	58.7	74.0
Less than \$25.	92.5	74.7	80.6	91.3	94.1	77.0	79.6	92.5

The combined data for female wage earners, for female bookkeepers, stenographers and office clerks, and for saleswomen (not traveling) for 1915, shows rates of wages for 159,734 females 18 years of age or over. The table which follows summarizes this information and compares the rates of wages of the three general occupation groups:

CLASSIFIED RATES OF WAGES OF FEMALES 18 YEARS OF AGE OR OVER.

Rate of wages per week.	Number of adult females at each classified rate.				Per cent distribution.			
	Wage earners.	Book-keepers, stenog-raphers and office clerks.	Sales-women (not travel-ing.)	Total.	Wage earners.	Book-keepers, stenog-raphers and office clerks.	Sales-women (not travel-ing.)	Total.
Less than \$4.....	2,755	155	211	3,121	2.5	.5	1.1	2.0
\$4 but under \$5.....	5,493	407	911	6,811	4.9	1.4	4.8	4.3
\$5 but under \$6.....	13,348	1,011	1,886	16,245	12.0	3.4	10.0	10.2
\$6 but under \$7.....	20,802	2,219	3,673	26,694	18.7	7.5	19.4	16.7
\$7 but under \$8.....	19,066	2,736	3,414	25,214	17.1	9.3	18.1	15.3
\$8 but under \$9.....	15,965	3,396	2,355	21,716	14.3	11.5	12.5	13.6
\$9 but under \$10.....	11,697	3,042	1,612	16,351	10.6	10.3	8.0	10.2
\$10 but under \$12.....	12,904	5,511	2,065	20,480	11.6	18.7	10.9	12.8
\$12 but under \$15.....	6,606	5,588	1,445	13,638	5.9	19.0	7.6	8.6
\$15 but under \$18.....	1,818	3,410	745	5,973	1.6	11.6	3.9	3.7
\$18 or over.....	968	1,953	580	3,491	.9	6.6	3.1	2.2
Total	111,410	29,427	18,887	159,734	100.0	100.0	100.0	100.0

It was stated in the report for 1914 that, as indicated by that report, rates for adult females were higher for bookkeepers, stenographers and office clerks than for saleswomen (not traveling) and rates for saleswomen were slightly higher than for wage earners. Rates of wages for the three occupation groups have remained in the same relation in this regard in spite of the general change in the per cent working at each rate, as shown by the following table:

COMPARISON OF CUMULATIVE PERCENTAGES OF ADULT FEMALE WORKERS IN EACH OCCUPATION GROUP AS REPORTED FOR 1914 AND 1915.

Rate of wages per week.	Per cent of each occupation group.							
	As reported for 1914.				As reported for 1915.			
	Wage earners.	Book-keepers, stenog-raphers and office clerks.	Sales-people (not travel-ing.)	Total.	Wage earners.	Book-keepers, stenog-raphers and office clerks.	Sales-people (not travel-ing.)	Total.
Less than \$6...	21.4	7.0	20.1	18.7	19.4	5.3	15.9	16.5
Less than \$7...	40.5	14.5	40.5	36.0	38.1	12.8	35.3	33.2
Less than \$8...	58.4	24.1	56.3	52.0	55.2	22.1	53.4	49.0
Less than \$9...	71.7	35.2	67.5	64.8	69.5	33.6	60.9	62.6
Less than \$10...	82.4	45.0	74.8	74.9	80.0	43.9	74.4	72.8
Less than \$12...	92.9	63.9	85.3	85.9	91.6	62.6	85.3	85.6
Less than \$15...	97.9	82.0	92.5	94.5	97.5	81.6	92.9	94.1

FLUCTUATION OF EMPLOYMENT.

Returns showing the number of persons employed on the fifteenth of each month, or the nearest representative day, were secured for 1915 from 17,981 establishments. These returns indicate an increase of employment during the year as compared with other years, except in certain industries and localities. The general tables of this report show these data in terms of variation from the maximum of employment for all the industries shown, since even though there was a general increase in the number employed during the year over the maximum reported for 1914, it might be assumed that there were a number unemployed at some time during the year approximately equal to the increase. For instance, 17,981 establishments report 641,274 employes in January and 808,729 employes in December, 1915. This has been mentioned as an increase of 167,455, or 26.1 per cent, during the year, but if the full possibilities of employment of the workers of the state were not reached until December, then it might be assumed that at some time during the year there were approximately 167,455 unemployed workers, or in other words, there was a variation from the maximum of employment of 167,455, or 20.7 per cent.

It is impossible to determine the number of workers imported from other states during the year. If the majority of additional workers were secured out of the state, then to the same extent, this change must be considered simply as an increase and not as a variation from maximum, since the workers brought in from out of the state late in the year may have been steadily employed elsewhere up to the time of their importation.

Data for males and females are shown separately for each of the three general occupation groups or classes:

Wage earners;

Bookkeepers, stenographers and office clerks;

Salespeople (not traveling).

A brief summary of the data under this heading for each of these general occupation groups follows:

WAGE EARNERS.

The minimum number of wage earners reported as employed in 17,981 establishments was 546,163 in January, and the maximum 701,081 in December, showing an increase of 154,918, or 28.4 per cent, during the year, or in other words, a variation from the maximum of 22.1 per cent.

The minimum number of male wage earners in the 17,981 establishments was 454,834 as reported for January, and the maximum was 598,681 for December, showing an increase of 143,847, or 31.6 per cent during the year, or in other words, a variation from the maximum of

24.0 per cent. The minimum number of female wage earners, 91,329, was employed in January, and the maximum, 102,400, in December, showing an increase of 11,071, or 12.1 per cent during the year, or in other words, a variation from the maximum of 10.8 per cent. The two tables which follow show total figures for male and female wage earners on the fifteenth of each month:

NUMBER OF MALE WAGE EARNERS EMPLOYED ON THE 15TH OF EACH MONTH AND VARIATION FROM MAXIMUM.

Month.	Number of male wage earners employed.	Variation from maximum.	
		Number.	Per cent.
January -----	454,834	143,847	24.0
February -----	466,528	132,153	22.1
March -----	489,457	109,224	18.2
April -----	516,030	82,651	13.8
May -----	533,553	65,128	10.9
June -----	551,195	47,486	7.9
July -----	557,476	41,205	6.9
August -----	566,279	32,402	5.4
September -----	585,486	13,195	2.2
October -----	584,909	13,772	2.3
November -----	588,993	9,688	1.6
December -----	598,681	-----	---

NUMBER OF FEMALE WAGE EARNERS EMPLOYED ON THE 15TH OF EACH MONTH AND VARIATION FROM MAXIMUM.

Month.	Number of female wage earners employed.	Variation from maximum.	
		Number.	Per cent.
January -----	91,329	11,071	10.8
February -----	94,197	8,203	8.0
March -----	96,515	5,885	5.7
April -----	95,962	6,438	6.3
May -----	95,060	7,340	7.2
June -----	95,592	6,808	6.6
July -----	94,640	7,760	7.6
August -----	96,311	6,089	5.9
September -----	99,939	2,461	2.4
October -----	102,067	333	.3
November -----	101,693	707	.7
December -----	102,400	-----	---

The total figures, however, do not show fully the fluctuation of employment, for the reason that even though a general increase in the number employed is shown by the totals, yet the increase in some industries may have offset a decrease in the number employed in other industries and plants. In the same way the increase in some localities may

have offset a decrease in other localities and it may or may not be true that all the workers released in one industry or locality were absorbed in another.

It is true that there has been an unusual demand for help in certain sections and industries, but the skilled workers released by one industry would find it difficult to obtain employment in another industry without working as learners or laborers and it might not be possible for them to reach the locality in which there was a demand for help.

For instance, in the industry group "Construction," the maximum number employed was reached in September and in the month of December the number employed was 12,814 less than the maximum. This would mean that 12,814 men were released in this industry group during four months. No doubt a number of the unskilled employes included, found employment at once in other industries, but the skilled workers and those who were not in a locality in which there was a demand for help and who were not willing to enter other industries as laborers would be unemployed.

The two tables which follow show the fluctuation of employment in selected industry groups which did not show a regular increase in the number employed during the year, and also the fluctuation of employment in six counties in which the maximum number employed was reached before the end of the year.

NUMBER OF WAGE EARNERS EMPLOYED ON THE 15TH OF EACH MONTH DURING 1915 IN SELECTED INDUSTRY GROUPS.

Industry Group.	Number of establishments reporting.	Number employed on the 15th of each month.												Variation from maximum.		
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.	
CONSTRUCTION	3,219	23,085	22,668	28,172	37,814	44,135	46,441	50,395	51,453	54,470	53,323	50,586	41,666	31,802	58.4	
MANUFACTURES	1,198	19,433	19,224	19,015	18,552	18,898	20,379	20,176	21,776	25,292	23,638	23,237	22,631	6,710	28.6	
Food and kindred products.....	198	5,641	5,694	5,699	5,878	6,063	6,112	6,320	6,291	6,117	5,876	5,825	5,687	6,719	10.7	
Liquors and beverages.....	121	34,361	35,382	38,446	39,890	41,142	40,336	37,815	38,996	40,164	40,994	40,996	40,861	6,791	18.5	
Stone, clay and glass products.....	667	33,780	35,865	36,665	36,920	34,530	34,827	34,804	35,961	36,301	36,565	35,773	35,431	3,616	9.7	
Textiles	240	12,531	13,311	13,813	13,299	12,689	12,446	11,881	11,944	12,271	12,415	12,506	12,576	1,932	14.0	
Tobacco manufactures.....																
SERVICE	1,469	26,491	26,458	26,954	27,859	28,239	28,930	29,878	29,906	29,006	28,163	27,964	27,779	3,448	11.5	
TRANSPORTATION AND PUBLIC UTILITIES	986	41,409	39,330	40,296	42,926	45,717	48,926	47,370	47,488	48,036	47,089	46,848	46,324	9,596	19.6	
Total	8,696	196,801	197,872	209,040	222,068	231,299	238,469	238,660	243,255	252,236	247,833	243,735	238,506	55,435	22.0	

NUMBER OF WAGE EARNERS EMPLOYED ON THE 15TH OF EACH MONTH DURING 1915 IN SIX COUNTIES.

County.	Number of estab- lishments re- porting.	Number employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num- ber.	Per cent.
Ashtabula	152	2,760	2,865	2,941	3,295	3,676	3,811	3,963	4,115	4,391	4,335	3,973	3,695	1,631	37.1
Butler	277	11,066	11,639	11,967	12,524	12,792	12,735	13,004	13,135	13,790	14,040	13,378	13,093	2,974	21.2
Hamilton	3,056	59,453	59,647	59,278	59,966	64,469	56,540	59,962	64,246	58,952	57,518	57,752	58,073	5,505	9.6
Jefferson	130	6,687	7,362	8,247	8,615	8,615	8,008	8,236	8,758	8,822	8,954	8,630	8,680	2,261	28.3
Licking	151	4,462	4,419	4,252	4,464	4,407	4,003	3,870	4,096	4,156	4,186	4,636	4,606	735	16.0
Muskingum	251	6,915	6,620	6,857	6,796	6,768	7,267	7,195	7,153	7,296	7,522	7,276	7,072	1,601	21.4
Total	4,016	120,348	123,542	127,642	129,529	130,702	132,340	131,219	133,503	137,418	136,555	135,494	135,738	17,070	12.4

General Table IV of this report presents for the State, data for 1915 for every industry in which three or more establishments reported and 200 or more wage earners are represented. The table also shows for each of the 20 counties of the state which had a population of 50,000 or over in 1910, every industry in which three or more establishments reported and 100 or more wage earners are represented.

BOOKKEEPERS, STENOGRAPHERS AND OFFICE CLERKS.

The minimum number of bookkeepers, stenographers and office clerks reported as employed in 17,981 establishments was 63,926 in January and the maximum, 70,057, in December, showing an increase of 6,131, or 9.6 per cent during the year, or in other words, a variation from the maximum of 8.8 per cent.

The minimum number of male bookkeepers, stenographers and office clerks, 37,274, was reported for February, and the maximum, 41,127, for December, showing an increase of 3,853, or 10.3 per cent, during the year, or in other words, a variation from the maximum of 9.4 per cent. The minimum number of female bookkeepers, stenographers and office clerks, 26,642, was employed in January and the maximum, 28,930, in December, showing an increase of 2,288, or 8.6 per cent, during the year, or in other words, a variation from the maximum of 7.9 per cent.

The increase in the number of bookkeepers, stenographers and office clerks during the year is worthy of particular note because of the fact that the report for 1914 indicated only a slight tendency toward fluctuation in employment of this occupation group.

The two tables which follow show total figures for male and female bookkeepers, stenographers and office clerks on the fifteenth of each month:

NUMBER OF MALE BOOKKEEPERS, STENOGRAPHERS AND OFFICE CLERKS EMPLOYED ON THE 15TH OF EACH MONTH AND VARIATION FROM MAXIMUM.

Month.	Number of male bookkeepers, stenographers and office clerks employed.	Variation from maximum.	
		Number.	Per cent.
January -----	37,284	3,843	9.3
February -----	37,274	3,853	9.4
March -----	37,644	3,483	8.5
April -----	37,852	3,275	8.0
May -----	38,299	2,828	6.9
June -----	39,009	2,118	5.1
July -----	39,418	1,709	4.2
August -----	39,807	1,320	3.2
September -----	40,024	1,103	2.7
October -----	40,297	830	2.0
November -----	40,585	542	1.3
December -----	41,127	---	---

NUMBER OF FEMALE BOOKKEEPERS, STENOGRAPHERS AND OFFICE CLERKS EMPLOYED ON THE 15TH OF EACH MONTH AND VARIATION FROM MAXIMUM.

Month.	Number of female bookkeepers, stenographers and office clerks employed.	Variation from maximum.	
		Number.	Per cent.
January -----	26,642	2,288	7.9
February -----	26,699	2,231	7.7
March -----	26,964	1,966	6.8
April -----	27,065	1,865	6.4
May -----	27,224	1,706	5.9
June -----	27,497	1,433	5.0
July -----	27,418	1,512	5.2
August -----	27,507	1,423	4.9
September -----	27,889	1,041	3.6
October -----	28,064	866	3.0
November -----	28,374	556	1.9
December -----	28,930	-----	---

General Table V presents for the State data for 1915 for every industry in which three or more establishments reported and 100 or more bookkeepers, stenographers and office clerks are represented. The table also shows for each of the 20 counties of the State which had a population of 50,000 or over in 1910, every industry in which three or more establishments reported and 50 or more bookkeepers, stenographers and office clerks are represented.

SALESPEOPLE.

A decided increase in the number reported as employed on the 15th of each month was shown in the data relating to each of the other occupation groups which have been considered, but we find only a slight increase during the year in the number of salespeople reported, except for the month of December. The fluctuation of employment of this group of workers can, therefore, be considered more nearly normal.

The maximum number of salespeople (not traveling) employed by the 17,981 establishments reporting, was 37,591 in December, and the minimum number was 30,445 in February, with a variation from the maximum number of 7,146, or 19.0 per cent, as compared with a variation from the maximum of 16.9 per cent as reported for 1914.

The maximum for salesmen was reached in December and the minimum in February with a variation from the maximum of 8.9 per cent, as compared with a variation from the maximum of 4.8 per cent as reported for 1914. The maximum for saleswomen was reached in December and the minimum in August with a variation from the maximum of 29.1 per cent, as compared with a variation from the maximum of 26.9 per cent as reported for 1914.

Approximately five-sixths of the salespeople were reported as employed in retail and wholesale stores. The fact that the increase in the number of salespeople employed has not equalled the increase in the number of other groups of workers employed in the State would indicate that there has not been the general increase in trade that there has been in other lines of industry, or at least that the increase in trade did not follow at once.

The two summary tables which follow show total figures for salesmen and saleswomen on the fifteenth of each month :

NUMBER OF SALESMEN EMPLOYED ON THE 15TH OF EACH MONTH
AND VARIATION FROM MAXIMUM.

Month.	Number of salesmen employed.	Variation from Maximum.	
		Number.	Per cent.
January -----	16,254	1,436	8.1
February -----	16,108	1,582	8.9
March -----	16,201	1,489	8.4
April -----	16,458	1,232	7.0
May -----	16,528	1,162	6.6
June -----	16,613	1,077	6.1
July -----	16,534	1,156	6.5
August -----	16,389	1,301	7.4
September -----	16,632	1,058	6.0
October -----	16,771	919	5.2
November -----	17,043	647	3.7
December -----	17,690	-----	---

NUMBER OF SALESWOMEN EMPLOYED ON THE 15TH OF EACH MONTH
AND VARIATION FROM MAXIMUM.

Month.	Number of saleswomen employed.	Variation from maximum.	
		Number.	Per cent.
January -----	14,931	4,970	25.0
February -----	14,337	5,564	28.0
March -----	15,208	4,693	23.6
April -----	15,466	4,435	22.3
May -----	15,723	4,178	21.0
June -----	15,048	4,853	24.4
July -----	14,466	5,435	27.3
August -----	14,101	5,800	29.1
September -----	15,200	4,701	23.6
October -----	16,082	3,819	19.2
November -----	16,568	3,333	16.7
December -----	19,901	-----	---

General Table VI presents for the State data for 1915 for every industry in which three or more establishments reported and 100 or more salespeople (not traveling) are represented. The table also shows for each of the 20 counties of the State which had a population of 50,000 or over in 1910 every industry in which three or more establishments reported and 50 or more salespeople (not traveling) are represented.

TOTAL WAGE AND SALARY PAYMENTS.

Returns showing wage and salary payments were received from 18,343 establishments with a total wage and salary payment during 1915 of \$536,087,742, as compared with a total payroll of \$440,972,589 during 1914 as reported by 14,776 establishments. The returns for 1915 also show the total wage and salary payment to each of the four occupation groups:

Wage earners;
Bookkeepers, stenographers and office clerks;
Salespeople (not traveling);
Superintendents and managers.

Detailed information for the State and for each of 20 counties will be found in General Table VII. A brief summary follows:

Throughout this report the industries of the state have been arranged in seven general groups. Some of these groups comprise industries, such as general farming, in which the majority of employers have less than five employes and, consequently, data concerning only a few of the larger establishments in such industries are included. The number of establishments reporting and the total wage and salary payments are shown for each general industry group below:

TOTAL WAGE AND SALARY PAYMENTS IN 1915.

Industry Group.	Number of establishments reporting.	Total wage and salary payments.				Grand total.
		To wage earners.	To bookkeepers, stenographers and office clerks.	To salespeople (not traveling).	To superintendents and managers.	
Agriculture	278	\$1,446,310	\$85,687	\$47,006	\$109,191	\$1,688,194
Construction.....	3,290	30,788,911	1,533,142	257,882	1,446,480	34,026,415
Fisheries	25	333,753	30,913	1,196	26,380	392,242
Manufactures	8,004	331,688,196	35,783,120	4,003,251	18,867,537	390,342,104
Service	1,521	14,778,630	1,399,791	578,846	1,164,871	17,911,838
Trade	4,213	20,896,571	12,094,664	17,037,012	6,082,188	56,110,435
Transportation and public utilities....	1,014	30,174,587	3,595,902	253,498	1,592,837	35,616,724
Total.....	18,343	\$430,106,968	\$54,522,609	\$22,178,691	\$29,279,484	\$536,087,742

Twenty-three industries in the state each paid five million dollars or more for wages and salaries in 1915 and of these, nine had a payroll of more than ten million dollars each. The foundry and machine shop industry ranks first in point of largest payroll with a total of \$67,230,617 in 1915. The industry ranking second is steel works and rolling mills with a payroll of \$45,740,288.

Practically the same industries were listed in the report for 1914 as having paid a total of more than five million dollars each in wages and salaries. The relative importance of the industries represented in point of total payroll is practically the same for both 1914 and 1915, except for some few changes of which the most remarkable is the shifting of the electrical machinery, apparatus and supplies industry and the copper, tin and sheet iron products industry from the thirteenth and twelfth rank, respectively, under manufactures, to seventh and eighth rank.

The industries for which payments of wages and salaries of five million dollars or more in 1915 were reported are as follows:

CONSTRUCTION.

General Contracting	\$16,130,666
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MANUFACTURES.

Foundry and Machine Shop Products.....	67,230,617
Steel Works and Rolling Mills.....	45,740,288
Automobiles, including Bodies and Parts.....	25,921,798
Rubber Products.....	25,513,876
Printing and Publishing.....	16,342,395
Pottery, Terra Cotta and Fire Clay Products.....	12,445,296
Electrical Machinery, Apparatus and Supplies.....	9,221,715
Copper, Tin and Sheet Iron Products.....	8,897,580
Glass	7,388,619
Boots and Shoes, including Cut Stock and Findings.....	7,356,798
Lumber and Planing Mill Products.....	6,599,176
Furniture and Refrigerators.....	6,261,262
Stoves and Furnaces.....	6,146,034
Clothing, Women's	5,955,405
Liquors, Malt	5,727,906
Tobacco Manufactures	5,486,431
Clothing, Men's	5,253,549

TRADE.

Retail and Wholesale Stores.....	44,160,054
Offices	5,654,359
Yards, Coal and Lumber.....	5,505,255

TRANSPORTATION AND PUBLIC UTILITIES.

Electric Railroads	14,536,222
Telegraph and Telephone.....	8,549,232

Returns show a reduction in the total payroll for four of the industries listed in the preceding table as compared with the amount of payroll reported for 1914. In two of these industries, an increased number of establishments reported, but in the other two there was a smaller number of establishments reporting in 1915 than reported in 1914, due possibly to a reclassification of a few establishments.

A comparison of the number of establishments reporting and the total wage and salary payments for 1914 and 1915 in these four industries follows:

Industry.	1914.		1915.	
	Number of establishments reporting.	Total wage and salary payments.	Number of establishments reporting.	Total wage and salary payments.
Boots and shoes, including cut stock and findings ----	67	\$7,696,272	82	\$7,356,798
Lumber and planing mill products----	450	7,053,130	435	6,599,176
Furniture and refrigerators ----	162	6,323,043	168	6,261,262
Stoves and furnaces	92	6,644,190	68	6,146,034

There has been a tremendous increase in the total wage and salary payments as reported for 1915 over the total reported for 1914, partly due to the additional establishments covered, but the increase has not been uniform in all localities.

Measuring importance by total wage and salary payments, Cuyahoga County ranks first, reporting more than one-fourth of the total amount reported in the entire state. The first eight counties in point of largest payroll reported are the same for both 1914 and 1915, except that for 1915 Franklin County has exchanged places with Montgomery County and is now sixth with Montgomery County seventh.

The table which follows shows by counties the number of establishments reporting and the total wage and salary payments in both 1914 and 1915:

**NUMBER OF ESTABLISHMENTS REPORTING AND TOTAL WAGE AND
SALARY PAYMENTS IN 1914 AND 1915.**

County.	1914.		1915.	
	Number of establishments reporting.	Total wage and salary payments.	Number of establishments reporting.	Total wage and salary payments.
The State -----	14,776	\$440,972,589	18,343	\$536,087,742
Counties of 50,000 population or over in 1910 -----	10,667	376,811,444	13,165	462,435,321
Allen -----	195	4,777,515	234	5,061,694
Ashtabula -----	127	2,532,270	152	3,119,085
Belmont -----	109	4,632,580	151	5,551,527
Butler -----	252	8,744,421	283	10,012,858
Clark -----	259	6,906,700	321	8,413,057
Columbiana -----	206	7,219,483	256	8,378,604
Cuyahoga -----	2,333	101,365,796	2,963	134,784,709
Franklin -----	834	20,451,461	1,116	25,807,958
Hamilton -----	2,681	69,217,539	3,113	77,621,534
Jefferson -----	100	6,680,309	131	7,579,252
Licking -----	116	3,578,969	148	3,397,064
Lorain -----	204	7,051,346	245	9,068,017
Lucas -----	872	28,720,205	1,118	38,236,311
Mahoning -----	336	24,761,211	442	29,657,284
Montgomery -----	709	22,715,261	824	24,560,380
Muskingum -----	221	4,278,145	249	4,463,327
Stark -----	444	17,129,661	576	19,896,362
Summit -----	397	26,774,552	509	35,343,043
Trumbull -----	154	6,123,154	182	7,738,516
Tuscarawas -----	118	3,150,866	152	3,744,739
Counties of less than 50,000 population in 1910 (68 counties) -----	4,109	64,161,145	5,178	73,652,421

DAYS IN OPERATION.

Returns showing number of days in operation during the year 1915 were secured from 15,708 establishments. Detailed information for the State and for each of the 20 counties will be found in General Table VIII.

In view of the increased industrial activity in the State during 1915, it would be the usual assumption that the number of days establishments were in operation would be increased. Returns show, however, that there was no significant change in the percentage of establishments reporting each classified number of days in operation from the percentages as reported for 1914.

In collecting the data for this report, the employer was requested to "enter number of full days plant was in operation, reducing part-time to full-time before entering figures."

The number and per cent of establishments reporting each classified number of days in operation during 1915 are given below, showing a

comparison with the percentages of establishments working each classified number of days as reported for 1914:

NUMBER AND PER CENT OF ESTABLISHMENTS REPORTING EACH CLASSIFIED NUMBER OF DAYS IN OPERATION.

Number of days in operation during year.	As reported for 1915.		As reported for 1914.	
	Number of establishments reporting.	Per cent distribution.	Number of establishments reporting.	Per cent distribution.
Less than 100-----	489	3.1	175	1.4
100 but under 150-----	393	2.5	250	2.0
150 but under 200-----	546	3.5	448	3.6
200 but under 250-----	1,009	6.4	892	7.1
250 but under 300-----	2,932	18.7	2,697	21.4
300 but under 314-----	7,918	50.4	6,328	50.2
314 or over-----	2,421	15.4	1,809	14.4
Total -----	15,708	100.0	12,599	100.0

Of the establishments engaged in construction during 1915, more than one-fourth (25.7 per cent) of those reporting, were in operation less than 200 days and over two-fifths (40.2 per cent) were in operation less than 250 days.

A larger percentage of manufacturing establishments were in operation less than 200 days during 1915 than were in operation less than 200 days in 1914, 9.3 per cent in 1915 and 7.7 per cent in 1914. However, a larger percentage also reported operations for 300 days or over, than reported similarly in 1914, 54.3 per cent in 1915 and 50.6 per cent in 1914. A summary of days in operation during 1915 by general industry groups follows:

DAYS IN OPERATION DURING 1915 BY GENERAL INDUSTRY GROUPS.

General Industry Group.	Number of establishments reporting.	Per cent of establishments in operation each classified number of days during the year.				
		Less than 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 or over.
Agriculture -----	230	9.6	2.2	3.0	25.2	60.0
Construction -----	2,240	25.7	14.5	19.3	36.7	3.8
Fisheries -----	25	---	---	12.0	16.0	72.0
Manufactures -----	7,478	9.3	7.6	28.8	48.1	6.2
Service -----	1,356	3.8	2.1	5.3	36.4	52.4
Trade -----	3,427	2.0	1.8	7.3	80.2	8.7
Transportation and public utilities--	952	1.8	1.8	1.9	20.1	74.5
Total -----	15,708	9.1	6.4	18.7	50.4	15.4

HOURS OF LABOR PER WEEK.

Returns showing normal hours of labor per full week during 1915 were received from 15,326 establishments. Detailed information for the State and for each of 20 counties will be found in General Table IX. A brief summary follows:

Very little change is noted in the percentage of establishments reporting each classified number of normal hours of labor as compared with the report for 1914. The number of hours per full week most frequently reported was 60, almost one-fourth (23.2 per cent) of the total number of establishments reporting this number of hours per full week. The other most frequently reported classifications of number of hours per week were 48 (12.5 per cent), over 48 but under 54 (12.2 per cent), and 54 (19.7 per cent). The number and per cent of establishments normally working each classified number of hours per full week during 1915 are shown below together with a comparison with the percentages reporting each classified number of hours in 1914:

NUMBER AND PER CENT OF ESTABLISHMENTS REPORTING EACH
CLASSIFIED NUMBER OF HOURS OF LABOR PER FULL WEEK.

Normal hours of labor per full week.	As reported for 1915.		As reported for 1914.	
	Number of establishments reporting.	Per cent distribution.	Number of establishments reporting.	Per cent distribution.
44 and under.....	987	6.4	622	4.9
Over 44 but under 48..	459	3.0	421	3.3
48	1,913	12.5	1,502	11.8
Over 48 but under 54..	1,872	12.2	1,615	12.6
54	3,018	19.7	2,602	20.4
Over 54 but under 56..	1,032	6.7	979	7.7
56	322	2.1	244	1.9
Over 56 but under 58..	285	1.9	237	1.9
58	132	.9	110	.9
Over 58 but under 60..	505	3.3	439	3.4
60	3,549	23.2	3,013	23.6
Over 60 but under 66..	322	2.1	252	2.0
66	93	.6	76	.6
Over 66 but under 72..	285	1.9	208	1.6
72 or over.....	552	3.6	456	3.6
Total	15,326	100.0	12,779	100.0

More than one-half (50.7 per cent) of the 2,674 establishments engaged in construction reported the full time working hours per week as 48 and under. Over one-half (50.4 per cent) of the 7,216 manufacturing establishments reported the full time working hours per week as 54 and under.

HOURS OF LABOR PER FULL WEEK DURING 1915 BY GENERAL INDUSTRY GROUPS.

General Indus- try Group.	Number of establishments reporting.	Per cent of establishments in which the full time working hours per week were					
		48 and under.	Over 48 and under 54.	54.	Over 54 and under 60.	60.	Over 60.
Agriculture ---	198	4.0	2.0	11.1	3.0	58.1	21.7
Construction --	2,674	50.7	5.3	17.2	5.8	18.2	3.0
Fisheries -----	22	---	---	4.5	4.5	36.4	54.5
Manufactures -	7,216	16.1	14.4	19.9	22.0	23.2	4.5
Service -----	1,101	14.9	11.2	23.9	11.6	15.1	23.3
Trade -----	3,231	16.4	16.3	19.8	9.4	26.9	11.2
Transportation and public utilities ----	884	16.3	4.5	22.5	10.3	26.4	20.0
Total -----	15,326	21.9	12.2	19.7	14.9	23.2	8.2

There has been no significant change in the form of the schedule used in collecting data as published in the appendix of the report for 1914. The returns from which this report has been compiled are required by law, but credit is due the employers of the State for the splendid co-operation which has enabled the Department to secure the wage information here presented.

Mr. John W. Dye, Statistical Clerk in the Department of Investigation and Statistics, had immediate charge of the examination and tabulation of the returns made. Mr. Wilbur F. Maxwell, Special Agent of this Department, assisted in the preparation of this report and wrote the text.

GEORGE F. MILES,
Chief Statistician.

Columbus, Ohio, December 15, 1916.

TABLE I—RATES OF WAGES OF WAGE EARNERS, BY INDUSTRIES.

THE STATE

(The first section of this table presents data for the State and the second section for each of the 20 counties having a population of 50,000 or over in 1910. For the State every industry is shown for which three or more establishments reported and 200 or more wage earners are represented and for each of the counties indicated every industry is shown for which three or more establishments reported and 100 or more wage earners are represented. The manufacturing industries are grouped alphabetically under sub-groups for the State and alphabetically under the general group "Manufactures," and without sub-groups, for each of the 20 counties.)

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.														
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	Total.
ALL INDUSTRIES	18,308	5,894	9,175	20,219	30,052	30,151	31,294	45,175	118,171	201,909	128,789	138,208	42,917	8,446	810,335	8,446
Males 18 years of age or over.	1,189	1,238	3,514	6,312	9,000	14,068	15,965	32,644	104,912	195,172	126,947	137,457	47,758	62	653,707	62
Females 18 years of age or over.	2,755	5,937	13,348	20,807	19,065	15,965	11,697	11,697	12,316	5,406	1,913	747	159	111,410	10,713	52
Males under 18 years of age.	1,105	1,342	2,251	2,133	1,701	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022
Females under 18 years of age.	755	1,652	1,556	865	382	223	223	107	42	24	24	1	1	1	4,556	1
AGRICULTURE	268	124	143	152	257	313	210	874	900	980	301	183	25	7	4,465	7
Males 18 years of age or over.	23	26	33	125	153	149	831	831	831	538	301	183	25	6	3,645	6
Females 18 years of age or over.	10	7	36	60	38	61	10	23	9	19	1	1	1	2	223	2
Males under 18 years of age.	77	101	69	51	113	10	23	23	3	2	2	2	2	2	450	2
Females under 18 years of age.	9	9	9	31	3	3	15	15	15	1	1	1	1	1	32	1
Dairy Farming.	30	10	2	2	11	11	21	17	45	134	26	10	1	1	267	1
Males 18 years of age or over.	1	1	1	5	5	9	20	17	45	133	26	10	1	1	257	9
Females 18 years of age or over.	5	1	1	1	2	2	1	1	1	1	1	1	1	1	9	6
Males under 18 years of age.	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Females under 18 years of age.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Florists, Fruit Growers, Nurserymen and Seedsmen.	94	46	24	41	121	84	111	383	438	499	157	75	8	5	1,996	5
Males 18 years of age or over.	13	16	8	8	42	35	63	368	434	481	157	77	8	3	1,703	3
Females 18 years of age or over.	23	8	27	39	32	32	33	6	16	16	1	1	1	2	153	2
Males under 18 years of age.	10	10	5	4	40	10	10	15	3	1	1	1	1	1	119	1
Females under 18 years of age.	125	78	119	109	121	214	68	454	386	304	117	70	16	2	2,088	2
General Farming.	10	10	30	78	78	110	65	428	378	301	117	70	16	2	1,606	2
Males 18 years of age or over.	9	9	30	78	78	110	65	428	378	301	117	70	16	2	1,606	2
Females 18 years of age or over.	60	60	78	31	11	100	12	3	8	3	3	3	3	3	25	3
Males under 18 years of age.	14	9	6	31	31	4	10	15	15	15	15	15	15	15	17	17
Females under 18 years of age.	19	19	19	19	19	4	10	20	31	43	1	11	11	11	120	120
Agriculture, not otherwise classified.	19	19	19	19	19	4	10	20	31	43	1	11	11	11	120	120
Males 18 years of age or over.	135	129	293	283	368	368	1,307	2,607	10,957	28,592	11,361	17,220	11,008	1,236	82,484	1,236
CONSTRUCTION	3,274	135	129	293	283	368	1,307	2,607	10,957	28,592	11,361	17,220	11,008	1,236	82,484	1,236
Males 18 years of age or over.	106	78	149	273	327	327	1,307	2,607	10,947	28,567	11,367	17,209	11,008	1,236	82,106	1,236

Females 18 years of age or over.....	1	2	3	7	7	7	13	6	16	1	11	.....	74
Males under 18 years of age.....	23	49	51	83	33	23	15	4	9	3	.....	308	
Females under 18 years of age.....	19	5	10	23	22	117	194	612	2,122	965	761	1,434	6,350
Brick, Stone and Cement Work.....	19	5	10	23	22	117	194	612	2,122	965	761	1,434	6,343
Males 18 years of age or over.....	6	12	19	27	25	16	26	53	164	181	331	280	1,150
Males under 18 years of age.....	3	8	13	8	4	1	1	53	1	181	331	280	1,119
Electrical Contracting.....	3	8	13	8	4	1	1	53	1	181	331	280	1,119
Males 18 years of age or over.....	31	27	13	98	95	999	1,235	4,793	11,945	5,444	9,998	5,864	809
General Contracting.....	31	27	13	98	95	999	1,235	4,793	11,945	5,444	9,998	5,864	809
Males under 18 years of age.....	23	18	13	66	50	998	1,421	4,792	11,944	5,443	9,998	5,864	809
Males 18 years of age or over.....	31	27	13	98	95	999	1,235	4,793	11,945	5,444	9,998	5,864	809
Oil and Gas Drilling.....	31	27	13	98	95	999	1,235	4,793	11,945	5,444	9,998	5,864	809
Males under 18 years of age.....	31	27	13	98	95	999	1,235	4,793	11,945	5,444	9,998	5,864	809
Males 18 years of age or over.....	31	27	13	98	95	999	1,235	4,793	11,945	5,444	9,998	5,864	809
Painting and Decorating.....	220	1	1	7	10	7	1	.....	161	386	1,801	122	2,083
Males under 18 years of age.....	1	1	1	7	10	7	1	.....	161	386	1,801	122	2,083
Males 18 years of age or over.....	1	1	1	7	10	7	1	.....	161	386	1,801	122	2,083
Plastering.....	58	1	1	7	10	7	1	.....	161	386	1,801	122	2,083
Males under 18 years of age.....	20	53	96	95	92	40	112	357	801	459	906	894	3,862
Males 18 years of age or over.....	13	30	70	84	84	46	112	357	801	459	906	894	3,764
Plumbing and Steam Fitting.....	84	2	2	11	8	3	47	355	121	129	35	8	1,337
Males under 18 years of age.....	2	4	16	38	31	30	47	355	121	129	35	8	1,337
Males 18 years of age or over.....	2	4	16	38	31	30	47	355	121	129	35	8	1,337
Sheet Metal Work and Roofing.....	229	3	4	10	26	27	19	155	706	488	896	174	2,683
Males under 18 years of age.....	21	18	17	52	53	52	574	3,769	8,346	1,291	1,230	451	15,968
Males 18 years of age or over.....	11	9	13	34	54	52	574	3,769	8,346	1,291	1,230	451	15,968
Street, Road and Sewer Contracting.....	22	.....	.....	.....	4	4	.....	30	149	88	90	148	521
Males under 18 years of age.....	1	2	3	8	9	9	17	51	452	201	359	288	1,425
Males 18 years of age or over.....	1	2	3	8	9	9	17	51	452	201	359	288	1,425
Ventilating and Heating.....	22	.....	.....	.....	4	4	.....	30	149	88	90	148	521
Males under 18 years of age.....	1	2	3	8	9	9	17	51	452	201	359	288	1,425
Males 18 years of age or over.....	1	2	3	8	9	9	17	51	452	201	359	288	1,425
Construction, not otherwise classified.....	90	.....	.....	.....	4	4	.....	30	149	88	90	148	521
Females 18 years of age or over.....	1	2	3	8	9	9	17	51	452	201	359	288	1,425
Females under 18 years of age.....	1	2	3	8	9	9	17	51	452	201	359	288	1,425
FISHERIES.....	25	2	3	6	.....	.....	1	5	63	133	251	51	574
Males 18 years of age or over.....	7	1	3	5	.....	.....	1	4	63	133	251	51	569
Females 18 years of age or over.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
MANUFACTURES.....	8,007	5,141	13,751	21,383	22,520	24,446	35,120	92,872	143,979	96,932	104,237	23,820	599,906
Males 18 years of age or over.....	422	636	2,205	4,143	6,753	10,988	26,436	51,876	138,444	96,652	108,944	28,834	6,614
Females 18 years of age or over.....	1,653	3,489	9,256	14,972	13,388	12,393	8,994	10,689	6,451	1,317	449	86	6,601
Males under 18 years of age.....	611	727	1,306	1,594	1,446	935	613	286	86	13	1	.....	32,091
Females under 18 years of age.....	535	850	1,894	1,654	336	220	286	42	13	13	1	.....	7,616
Food and Allied Products.....	305	28	286	476	520	393	685	2,731	5,374	2,105	1,738	386	3,728
Males 18 years of age or over.....	16	97	16	61	106	152	532	2,626	6,342	2,163	1,737	386	14,998
Females 18 years of age or over.....	1	.....	244	823	363	213	96	102	32	3	1	.....	1,496

TABLE I—Continued.
THE STATE—Continued.

Industry, Sex and Age.	Number of estab-lish-ments report-ing.	Number of wage earners at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
MANUFACTURES—Continued.															
Males under 18 years of age.....	2	8	12	50	46	28	7	3							158
Females under 18 years of age.....	9	25	14	37	3	6	10	33	100	26	22	13			281
Baking Powder and Yeast.	4		9	51	14			22	58	26	22	13			187
Males 18 years of age or over.....			8	50	14	6	4	11	2						95
Females under 18 years of age.....				1											1
Chemicals, Acids and Wood Distillation.	47														
Males 18 years of age or over.....	1			10	13	10	58	136	1,503	562	522	127	14		2,966
Females 18 years of age or over.....				3	8	3	57	134	1,501	562	522	127	14		2,332
Males under 18 years of age.....				4	4	6	1	1	2						17
Females under 18 years of age.....				3	1	1									4
Explosives.	9														
Males 18 years of age or over.....						1	14	33	142	61	32	11	1		297
Females 18 years of age or over.....															296
Fertilizers.	21														
Males 18 years of age or over.....			3	3	2	2	196	450	879	108	67	12	1		1,706
Females 18 years of age or over.....							4	195	858	108	67	12	1		1,699
Males under 18 years of age.....									1						6
Females under 18 years of age.....			1	3	3		1	193	95	45	39				332
Grease and Tallow.	19														
Males 18 years of age or over.....				1	4	3	7	188	95	45	39				332
Females 18 years of age or over.....					1		1								6
Males under 18 years of age.....				2	1	1	4								4
Females under 18 years of age.....				1				1							1
Ink, Printing.	9														
Males 18 years of age or over.....		1	1	2	1	5	7	33	70	108	39	14	9		297
Females 18 years of age or over.....			1	1	1	5	7	30	70	108	39	14	9		291
Males under 18 years of age.....					2		6	3							5
Females under 18 years of age.....															1
Paint and Varnish.	73														
Males 18 years of age or over.....		3	15	84	87	83	60	315	909	443	261	60	26		2,354
Females 18 years of age or over.....		1	13	25	25	25	53	296	901	443	260	60	26		2,102
Males under 18 years of age.....	6	3	15	60	53	6	5	19	8		1				220
Females under 18 years of age.....				11	9	8	2								32
Patent Medicines and Drug Compounds.	50														
Males 18 years of age or over.....		59	112	103	102	67	58	100	84	46	38	24	8		810
Females 18 years of age or over.....		1	9	14	17	30	65	100	76	42	38	24	8		341
Males under 18 years of age.....	7	48	95	85	85	50	28	35	8	3					445
Females under 18 years of age.....				2	4										6
Petroleum Refining.	11														
Males 18 years of age or over.....		10	4	1	2	19	5	240	698	331	478	58	20		1,765
Females 18 years of age or over.....		1	1	1	1	15	5	240	698	331	478	58	20		1,761

TABLE I—Continued.
THE STATE—Continued.

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.													Total.
		under \$1.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
MANUFACTURES—Continued.															
Flavoring Extracts	16		21	20											208
Males 18 years of age or over.			1												64
Females 18 years of age or over.			20	20											139
Males under 18 years of age.															3
Females under 18 years of age.															2
Flour Mill and Grist Mill Products	369		3	2											3,090
Males 18 years of age or over.			6	2											3,017
Females 18 years of age or over.															4
Males under 18 years of age.			2	1											9
Females under 18 years of age.			6	8											1,160
Food Preparations	16														1,843
Males 18 years of age or over.															813
Females 18 years of age or over.			4	3											3
Males under 18 years of age.															2
Females under 18 years of age.															2
Slaughtering and Meat Packing	81		2	1											4,525
Males 18 years of age or over.			2	1											4,368
Females 18 years of age or over.															128
Males under 18 years of age.			1												33
Females under 18 years of age.															6
Sugar	5		1												1,342
Males 18 years of age or over.															1,388
Females 18 years of age or over.			1												4
Food and Kindred Products, not otherwise classified	6														280
Males 18 years of age or over.															214
Females 18 years of age or over.															15
Males under 18 years of age.															1
Females under 18 years of age.															1
Iron and Steel and their Products	1,419		151	449	1,346	2,101	2,655	3,634	8,745	35,609	40,842	44,485	12,413	8,715	215,445
Males 18 years of age or over.			86	188	580	1,023	1,530	2,516	8,178	34,946	40,803	44,490	12,413	8,715	208,570
Females 18 years of age or over.			26	78	401	683	742	507	463	181	82	6	1		3,665
Males under 18 years of age.			66	164	338	877	870	253	151	96	7				1,863
Females under 18 years of age.			3	19	27	13	13	8	3	1					87
Blast Furnace Products	31														6,080
Males 18 years of age or over.			1												39
Females 18 years of age or over.															3
Males under 18 years of age.															3
Females under 18 years of age.															2
Bolts, Nuts, Washers and Rivets, not made in Steel Works or Rolling Mills	18		16	124	167	237	236	285	867	1,228	534	478	184	19	4,375

Males 18 years of age or over.....	1	23	40	57	106	219	813	1,210	532	478	194	19	3,632
Females 18 years of age or over.....	1	33	114	196	110	58	61	18	2	.....	.....	.....	630
Males under 18 years of age.....	13	16	13	.....	20	.....	3	.....	.....	.....	.....	.....	106
Females under 18 years of age.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
Cash Registers and Calculating Machines.....	1	80	79	4	43	224	625	1,019	1,433	1,909	194	64	5,624
Males 18 years of age or over.....	12	12	14	26	27	170	187	1,000	1,428	1,908	194	64	5,640
Females 18 years of age or over.....	68	68	64	27	12	31	328	19	6	1	.....	.....	646
Males under 18 years of age.....	.....	.....	.....	.....	4	23	.....	.....	.....	.....	.....	.....	28
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Cutlery and Tools.....	3	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,628
Males 18 years of age or over.....	2	1	98	129	160	246	743	896	558	583	160	6	3,262
Females 18 years of age or over.....	1	12	20	34	107	212	708	867	561	583	160	6	3,262
Males under 18 years of age.....	3	16	52	65	27	27	10	3	7	.....	.....	.....	250
Females under 18 years of age.....	2	3	22	30	16	6	10	3	.....	.....	.....	.....	107
Doors and Shutters.....	8	4	4	4	6	20	167	119	100	93	20	5	537
Males 18 years of age or over.....	4	4	4	4	6	20	162	119	100	93	20	5	534
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Forgings.....	44	57	65	130	175	569	1,160	2,638	1,303	1,245	583	231	8,046
Males 18 years of age or over.....	2	7	29	51	83	519	1,144	2,629	1,303	1,245	583	231	8,046
Females 18 years of age or over.....	1	14	33	76	44	50	12	7	.....	.....	.....	.....	7,779
Males under 18 years of age.....	6	15	3	8	48	.....	.....	.....	.....	.....	.....	.....	227
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79
Foundry and Machine Shop Products.....	1	316	1,302	1,628	1,922	5,242	13,466	26,149	18,987	21,942	4,112	621	101,668
Males 18 years of age or over.....	146	336	778	1,076	1,613	5,023	13,310	26,086	18,973	21,941	4,111	621	99,167
Females 18 years of age or over.....	78	161	498	768	1,170	3,263	8,150	15,106	10,016	11,000	2,000	231	1,219
Males under 18 years of age.....	13	64	155	272	444	1,144	2,629	49	13	1	.....	.....	1,142
Females under 18 years of age.....	49	114	250	444	186	90	63	14	1	.....	.....	.....	40
Pumps, not including Steam Pumps.....	7	5	8	8	8	8	8	1	.....	.....	.....	.....	1,238
Males 18 years of age or over.....	4	8	9	28	68	125	347	217	215	184	73	1	1,219
Females under 18 years of age.....	1	4	9	26	68	122	347	217	215	184	73	1	1,219
Safes and Vaults.....	3	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Males 18 years of age or over.....	3	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,873
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,851
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
Scales and Balances.....	2	13	5	1	9	10	10	36	36	82	13	.....	203
Males 18 years of age or over.....	1	.....	1	6	5	5	5	36	35	82	13	.....	186
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Sewing Machines, Cases and Attachments.....	3	23	53	62	92	104	282	511	495	476	147	19	2,264
Males 18 years of age or over.....	6	6	13	13	59	83	256	506	495	476	147	19	2,063
Females 18 years of age or over.....	11	11	26	29	24	15	19	4	.....	.....	.....	.....	129
Males under 18 years of age.....	6	6	26	29	24	15	19	4	.....	.....	.....	.....	72
Spring, Steel, Car and Carriage.....	1	1	3	11	38	69	477	1,258	821	915	130	48	2,652
Males 18 years of age or over.....	1	1	3	11	38	69	477	1,258	821	915	130	48	2,652
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
Steel Works and Rolling Mills.....	56	1	3	4	185	566	8,509	18,644	11,180	11,355	4,620	2,217	57,620
Males 18 years of age or over.....	3	1	22	109	155	566	8,509	18,644	11,180	11,355	4,620	2,217	57,620
Females 18 years of age or over.....	.....	.....	10	17	123	540	8,785	18,623	11,177	11,354	4,620	2,217	57,374
Males under 18 years of age.....	3	1	2	14	48	19	18	9	.....	.....	.....	.....	116
Females under 18 years of age.....	.....	.....	10	78	9	7	6	12	3	.....	.....	.....	129
Females under 18 years of age.....	1	1	10	78	9	7	6	12	3	.....	.....	.....	1

TABLE I—Continued.
THE STATE—Continued.

Industry, Sex and Age.	Number of estab-lish-ments report-ing.	Number of wage earners at each classified rate of wages per week.															Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
MANUFACTURES—Continued.																	
Stoves and Furnaces.	88	1	13	63	97	138	276	606	1,420	1,920	1,621	1,902	1,621	1,902	628	124	8,871
Males 18 years of age or over.	1	12	46	73	113	212	599	1,415	1,918	1,617	1,902	1,617	1,902	628	124	8,747	85
Females 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	59
Males under 18 years of age.	...	1	17	19	10	6	5	1	2	4	...	...	...	...	...	...	59
Tin Plate and Terne Plate.	6	...	...	...	21	8	48	111	275	197	822	765	822	765	1,079	207	3,533
Males 18 years of age or over.	...	...	...	...	...	...	48	14	265	195	822	765	822	765	1,079	207	3,393
Females 18 years of age or over.	...	...	...	...	6	8	...	97	10	2	...	...	...	...	...	...	123
Males under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
Wire.	5	...	...	...	15	...	...	...	...	...	...	...	...	...	...	...	2,253
Males 18 years of age or over.	...	...	...	...	4	10	57	48	365	539	545	623	545	623	46	2	2,253
Females 18 years of age or over.	...	...	...	...	7	8	55	43	362	536	544	623	544	623	46	2	2,253
Males under 18 years of age.	...	...	...	...	4	...	2	...	1	3	...	...	...	...	...	...	12
Wirework, including Wire Rope and Cable.	36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
Males 18 years of age or over.	...	8	15	26	44	45	48	55	106	174	136	55	136	55	5	...	716
Females 18 years of age or over.	...	1	1	2	14	30	29	44	102	172	135	55	135	55	5	...	590
Males under 18 years of age.	...	...	...	...	23	15	15	11	3	2	1	...	...	...	...	...	81
Females under 18 years of age.	...	5	8	8	7	...	4	...	...	...	...	...	...	...	...	...	29
Males under 18 years of age.	...	2	9	6	...	...	...	...	...	...	...	...	...	...	...	...	16
Iron and Steel and their Products, not otherwise classified.	113	7	17	54	116	69	173	328	782	854	701	861	701	861	244	107	4,309
Males 18 years of age or over.	...	...	9	...	19	29	152	316	779	854	700	860	700	860	244	103	4,073
Females 18 years of age or over.	...	6	7	40	86	36	20	11	2	...	...	...	...	...	...	...	209
Males under 18 years of age.	...	...	...	...	11	4	...	1	...	...	...	...	...	...	...	...	27
Leather and its Finished Products.	178	378	666	1,354	1,628	1,531	1,594	1,758	2,808	3,170	2,382	2,295	2,382	2,295	387	36	19,976
Males 18 years of age or over.	...	67	115	291	383	590	683	880	1,773	2,593	2,195	2,181	2,195	2,181	381	85	11,691
Females 18 years of age or over.	...	162	351	806	1,003	808	823	842	1,013	570	187	54	...	...	...	...	6,794
Males under 18 years of age.	...	44	92	135	161	83	59	32	18	7	...	...	...	...	...	...	634
Females under 18 years of age.	...	106	178	120	77	20	11	4	...	...	...	...	...	...	...	...	457
Boots and Shoes, including Cut Stock and Findings.	83	372	685	1,253	1,476	1,345	1,387	1,435	1,900	2,163	1,672	1,552	1,672	1,552	295	21	15,690
Males 18 years of age or over.	...	67	109	272	349	601	516	681	1,079	1,617	1,499	1,598	1,499	1,598	282	24	8,594
Females 18 years of age or over.	...	160	343	741	899	754	803	722	890	539	7	54	...	...	...	...	6,081
Males under 18 years of age.	...	44	83	132	156	73	62	28	17	...	...	...	...	...	...	...	588
Females under 18 years of age.	...	101	104	108	153	70	16	4	...	...	...	...	...	...	...	...	427
Gloves and Mittens, Leather.	6	3	13	42	69	90	114	96	121	40	20	2	...	...	...	...	612
Males 18 years of age or over.	...	...	...	1	...	10	12	15	18	13	7	...	...	...	...	...	82
Females 18 years of age or over.	...	...	6	36	64	80	102	81	103	27	13	...	...	...	...	...	511

Females under 18 years of age.....	3	7	6	3	20	14	51	455	572	297	196	51	19
Leather, Tanned, Curried and Finished.	24	1		12	11	13	49	464	572	206	196	51	1,612
Males 18 years of age or over.....				6	3								1,640
Females 18 years of age or over.....													5
Males under 18 years of age.....		1	6	7	7		1						17
Trunks and Valises.....	16	5	2	5	12	10	12	33	76	69	27	6	261
Males 18 years of age or over.....		4	2	2	5		5	27	76	69	27		228
Females 18 years of age or over.....		1	4	3	3	6	7	6					31
Males under 18 years of age.....				2	7								2
Leather and its Finished Products, not otherwise classified.....	49	11	63	95	64	69	164	209	319	354	358	45	1,751
Males 18 years of age or over.....		2	16	26	23	27	130	195	315	354	358	45	1,547
Females 18 years of age or over.....		8	28	39	26	29	31	14	4				146
Males under 18 years of age.....				1									27
Liquors and its Bottlings.....	198	10	48	74	71	65	135	359	1,121	1,743	2,650	187	6,521
Males 18 years of age or over.....		7	11	15	36	41	116	325	1,118	1,743	2,650	187	6,342
Females 18 years of age or over.....		3	32	38	24	27	7	3	2				131
Males under 18 years of age.....			4	20	11	3	2	1	1				47
Females under 18 years of age.....				1									1
Liquors, Distilled.....	11	1	13	25	17	13	3	69	146	75	18	6	387
Males 18 years of age or over.....		1		3	3	1	1	69	146	75	18	6	320
Females 18 years of age or over.....			13	25	14	13	1						66
Males under 18 years of age.....													1
Liquors, Malt.....	109	9	16	24	24	36	86	180	703	1,490	2,536	162	5,309
Males 18 years of age or over.....		2	7	7	10	31	84	176	703	1,490	2,536	162	5,291
Females 18 years of age or over.....			2	1	8	3	1	1					16
Males under 18 years of age.....				15		2							31
Females under 18 years of age.....													1
Mineal and Soda Waters.....	61	2	14	14	18	12	24	89	177	127	57	14	549
Males 18 years of age or over.....			4	6	9	7	21	86	176	127	57	14	510
Females 18 years of age or over.....			7	4	6	5	3	1					26
Males under 18 years of age.....		2	3	4	3				1				13
Females under 18 years of age.....													
Liquors and Beverages, not otherwise classified.....	17	1	5	11	12	4	12	21	95	61	49	5	276
Males 18 years of age or over.....				9	8	3	10	20	82	61	49	5	251
Females 18 years of age or over.....		1	5	6	4		2		2				23
Lumber and its Remnants.....	811	181	595	732	1,101	1,253	3,077	6,112	7,953	4,693	3,194	436	29,613
Males 18 years of age or over.....		139	384	400	693	830	2,960	5,988	7,896	4,693	3,194	436	27,471
Females 18 years of age or over.....		16	80	254	270	189	133	119	53	2			1,502
Males under 18 years of age.....		35	88	198	186	77	42	6	9				660
Females under 18 years of age.....			28	128	106	42							70
Baskets and Rattan and Willow Ware.	24	51	39	53	64	51	110	100	132	43	28	3	718
Males 18 years of age or over.....		21	34	45	26	26	90	56	131	43	28	3	476
Females 18 years of age or over.....			5	18	26	26	20	6	1				195
Males under 18 years of age.....		26	32	49	33	29							33
Females under 18 years of age.....				3	6								12
Boxes, Cigar.....	16	22	47	58	62	33	22	28	37	19	4	1	391
Males 18 years of age or over.....			6	12	16	6	13	25	36	19	4	1	182
Females 18 years of age or over.....		13	34	46	36	23	7	3	1				211
Males under 18 years of age.....				50	36								17
Females under 18 years of age.....		9	6	1	2	4	2						31

TABLE I—Continued.
THE STATE—Continued.

Industry, Sex and Age.	Number of estab-lish-ments report-ing.	Number of wage earners at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.		
MANUFACTURES—Continued.															
Coffins, Burial Cases and Undertakers' Goods															
Males 18 years of age or over.....	20	.....	3	48	60	72	54	112	173	374	286	210	14	3
Males 16 years of age or over.....		.....	.....	13	21	32	22	73	134	351	283	208	14	3
Males 14 years of age or over.....		.....	.....	24	32	30	29	39	39	23	3	2	.....	.....
Males under 14 years of age.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cooperage and Related Wooden Goods.															
Males 18 years of age or over.....	89	.....	26	35	51	34	83	158	516	962	313	190	35	4
Males 16 years of age or over.....		.....	.....	22	37	28	66	158	516	1	313	190	35	4
Males 14 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 14 years of age.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Furniture and Refrigerators.															
Males 18 years of age or over.....	167	.....	18	186	273	409	427	1,026	1,900	2,896	1,813	1,105	153	23
Males 16 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 14 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 14 years of age.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Looking Glass and Picture Frames.															
Males 18 years of age or over.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 16 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 14 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 14 years of age.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lumber and Planing Mill Products.															
Males 18 years of age or over.....	496	.....	24	76	175	267	346	1,162	2,445	2,986	1,769	1,325	138	36
Males 16 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 14 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 14 years of age.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Matches.															
Males 18 years of age or over.....	3	.....	9	122	65	126	201	233	655	425	117	160	38	17
Males 16 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 14 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 14 years of age.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shoe Cases.															
Males 18 years of age or over.....	9	.....	1	7	12	14	28	32	40	28	50	46	1	3
Males 16 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 14 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 14 years of age.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wood Turned and Carved.															
Males 18 years of age or over.....	37	.....	3	26	26	31	15	190	192	254	153	74	4	1
Males 16 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 14 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 14 years of age.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 16 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 14 years of age or over.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 14 years of age.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Lumber and its Remanufactures, not otherwise classified	10	1	2	2	4	4	11	5	19	27	133	82	77	48	1	414
Males 18 years of age or over .....	.....	.....	2	2	2	2	10	5	17	27	133	82	77	48	1	408
Males under 18 years of age .....	.....	1	.....	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	6
<i>Metals and Metal Products other than Iron and Steel.</i>																
Males 18 years of age or over	309	59	179	32	602	1,025	1,150	1,572	2,130	4,413	4,971	3,425	3,428	911	306	24,171
Females 18 years of age or over .....	.....	11	63	100	100	206	338	639	1,438	3,615	4,553	3,360	3,416	903	306	19,002
Males under 18 years of age .....	.....	24	49	75	102	689	681	751	1,648	3,763	3,716	64	12	8	.....	4,470
Females under 18 years of age .....	.....	3	35	33	108	102	89	105	34	24	4	1	.....	.....	.....	517
Brass and Bronze Products	60	3	3	16	14	16	21	48	79	160	423	545	571	103	15	183
Males 18 years of age or over .....	.....	1	.....	1	1	3	19	43	62	155	421	545	571	103	15	2,015
Females 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,965
Males under 18 years of age .....	.....	.....	3	.....	1	11	2	4	13	2	2	.....	.....	.....	.....	20
Females under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
<i>Clocks and Watches, including Cases and Materials.</i>																
Males 18 years of age or over	7	17	64	111	100	100	92	63	98	133	248	130	120	20	2	1,198
Females 18 years of age or over .....	.....	7	2	8	12	12	21	21	73	117	246	130	120	20	2	776
Males under 18 years of age .....	.....	6	30	94	78	78	67	38	22	16	2	.....	.....	.....	.....	383
Females under 18 years of age .....	.....	1	15	4	7	7	3	4	3	.....	.....	.....	.....	.....	.....	30
Copper, Tin and Sheet Iron Products	154	20	96	295	428	428	514	851	1,220	2,926	3,331	1,972	2,075	572	253	14,557
Males 18 years of age or over .....	.....	4	24	40	86	86	237	475	1,001	2,724	3,139	1,950	2,069	572	253	12,640
Females 18 years of age or over .....	.....	4	24	195	289	289	224	303	212	194	131	21	6	.....	.....	1,574
Males under 18 years of age .....	.....	11	17	54	72	72	52	70	3	8	.....	.....	.....	.....	.....	304
Females under 18 years of age .....	.....	1	.....	6	10	10	1	3	1	.....	.....	.....	.....	.....	.....	39
<i>Gas and Electric Fixtures and Lamps and Reflectors.</i>																
Males 18 years of age or over	40	1	3	152	435	435	500	539	691	1,066	731	535	470	157	15	5,455
Females 18 years of age or over .....	.....	.....	.....	29	77	77	49	144	251	520	534	543	464	149	15	2,785
Males under 18 years of age .....	.....	.....	.....	104	336	336	379	404	396	543	238	42	6	8	.....	2,455
Females under 18 years of age .....	.....	1	2	9	13	13	32	27	20	12	1	.....	.....	.....	.....	117
Males under 18 years of age .....	.....	.....	.....	1	9	9	40	14	14	11	8	.....	.....	.....	.....	107
Jewelry	21	13	14	25	21	21	13	11	14	23	49	74	97	33	12	403
Males 18 years of age or over .....	.....	.....	.....	6	8	8	7	7	5	14	45	73	97	33	12	315
Females 18 years of age or over .....	.....	.....	.....	10	8	8	6	4	5	7	4	1	.....	.....	.....	45
Males under 18 years of age .....	.....	.....	.....	7	3	3	.....	.....	1	1	.....	.....	.....	.....	.....	36
Females under 18 years of age .....	.....	.....	.....	2	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
<i>Metals and Metal Products other than Iron and Steel, not otherwise classified.</i>																
Males 18 years of age or over	37	2	.....	3	11	11	10	10	25	85	139	119	95	26	4	533
Females 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	531
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
Females under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Paper and Printing.</i>																
Males 18 years of age or over	900	507	577	1,652	2,249	2,249	1,943	1,525	1,532	3,299	4,492	2,785	4,535	2,192	502	23,051
Females 18 years of age or over .....	.....	89	55	251	394	394	407	579	1,095	2,871	4,307	2,719	4,585	2,172	498	20,094
Males under 18 years of age .....	.....	82	330	1,022	1,660	1,660	1,423	903	495	409	184	64	40	20	4	6,646
Females under 18 years of age .....	.....	231	170	273	184	184	107	217	17	17	1	.....	.....	.....	.....	1,065
Males 18 years of age or over	6	.....	11	53	88	88	36	26	11	49	70	23	27	10	4	462
Females 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	259
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	139
Females under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
<i>Boxes, Fancy and Paper.</i>																
Males 18 years of age or over	53	74	130	402	355	355	289	283	219	349	345	141	123	35	7	2,767
Females 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,102
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,506
Females under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	416
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE I—Continued.
THE STATE—Continued.

Industry, Sex and Age.	Number of estab-lish-ments report-ing.	Number of wage earners at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but and over.		
MANUFACTURES—Continued.															
Paper and Wood Pulp.															
Males 18 years of age or over.	51	10	11	60	329	257	112	407	1,283	1,949	610	497	86	11	5,771
Females 18 years of age or over.			2	5	18	28	41	372	1,368	1,917	638	497	86	11	6,013
Males under 18 years of age.		9	9	61	318	267	71	35	15	2					752
Females under 18 years of age.		1				2									4
Photo-Engraving.															
Males 18 years of age or over.	21	6	5	10	11	19	7	8	15	24	31	76	95	32	346
Females 18 years of age or over.		3	1	1	5	13	6	8	1	24	31	76	94	32	308
Males under 18 years of age.						3									8
Females under 18 years of age.															30
Printing and Publishing.															
Males 18 years of age or over.	77	416	492	1,008	1,216	1,101	868	813	1,385	1,964	1,784	2,679	1,849	421	16,386
Females 18 years of age or over.		71	78	225	327	308	371	518	1,006	1,767	1,727	3,612	1,830	417	12,310
Males under 18 years of age.	288	156	226	735	735	680	450	279	284	136	55	37	19	4	3,480
Females under 18 years of age.		13	28	31	144	85	19	14	14						653
Stereotyping and Electrotyping.															
Males 18 years of age or over.	20		2	4	21	24	16	23	45	37	42	115	68	13	133
Females 18 years of age or over.					13	21	21	44	1	36	41	115	68	13	414
Males under 18 years of age.					4	4	21	21							389
Females under 18 years of age.				10	4	2									16
Paper and Printing, not otherwise classified.															
Males 18 years of age or over.	32	1	26	85	296	187	207	303	173	160	124	110	59	14	1,455
Females 18 years of age or over.			1	13	8	13	60	43	116	154	124	108	69	14	703
Males under 18 years of age.			1	29	189	196	157	60	56	6		2			671
Females under 18 years of age.															63
Rubber Products.															
Males under 18 years of age.	61	16	16	118	9	1			1						33
Females 18 years of age or over.		10	9	223	551	511	577	1,012	2,340	3,690	6,219	13,934	3,876	144	33,913
Females under 18 years of age.		6	7	78	484	407	372	280	1,305	6,216	6,141	11,925	3,876	144	30,922
Males 18 years of age or over.				6	6	34	64	167	21	15	3				2,616
Females under 18 years of age.															295
Stone, Clay and Glass Products.															
Males under 18 years of age.				12	35	11		10	3						80
Females 18 years of age or over.	730	72	175	849	1,471	2,251	2,407	3,377	8,663	12,607	6,001	5,564	2,270	601	46,298
Females 18 years of age or over.		22	39	154	402	1,078	1,615	2,795	8,234	12,243	5,885	5,621	2,267	501	40,706
Males under 18 years of age.		13	95	583	353	387	1,633	504	397	384	116	43	8		4,489
Females under 18 years of age.		15	19	55	172	181	142	77	31	5					1,830
Males 18 years of age or over.		17	22	54	44	22	17	12	163	448	180	65	44	7	880
Females 18 years of age or over.				2	1	4	8	10	163	448	180	65	44	7	879

[illegible]

TABLE I—Continued.
THE STATE—Continued.

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.		
		\$35 and over.													
MANUFACTURES—Continued.															
Awnings, Tents and Sails.....	29	5	12	17	298	67	82	68	55	159	101	43	4	1	882
Males 18 years of age or over.....	.....	.....	.....	.....	2	6	15	17	20	129	100	42	2	1	346
Females 18 years of age or over.....	.....	.....	.....	.....	264	61	67	51	25	30	1	1	1	.....	520
Males under 18 years of age.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	2	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bags, other than Paper.....	8	5	6	23	168	290	104	43	90	117	65	44	8	.....	953
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	4	25	84	115	66	44	8	.....	348
Females 18 years of age or over.....	.....	5	4	21	164	289	99	18	6	2	.....	.....	.....	.....	13
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	608
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Clothing, Men's, including Shirts.....	153	184	326	718	935	1,005	1,186	999	1,354	1,470	890	842	133	48	10,120
Males 18 years of age or over.....	.....	.....	.....	.....	851	77	84	127	313	731	500	798	130	48	3,148
Females 18 years of age or over.....	.....	125	232	592	786	988	1,084	864	1,038	687	180	44	3	.....	6,623
Males under 18 years of age.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
Females under 18 years of age.....	.....	49	65	73	69	26	17	8	2	2	.....	.....	.....	.....	307
Clothing, Women's.....	109	177	247	476	944	1,068	1,290	903	1,202	1,186	878	1,122	530	259	10,232
Males 18 years of age or over.....	.....	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,831
Females 18 years of age or over.....	.....	168	233	396	849	987	1,127	826	988	689	213	106	21	3	6,576
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
Females under 18 years of age.....	.....	14	28	62	39	45	32	3	.....	.....	.....	.....	.....	.....	233
Cordage, Twine, Jute and Linen Goods.....	6	1	1	4	16	56	181	510	120	49	64	14	3	1	1,020
Males 18 years of age or over.....	.....	.....	.....	.....	4	37	123	499	114	48	64	14	3	1	909
Females 18 years of age or over.....	.....	1	1	.....	12	19	68	11	6	1	.....	.....	.....	.....	111
Cotton Goods, including Cotton Small Wares.....	6	5	6	59	47	27	14	28	46	36	20	10	4	.....	303
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	86
Females 18 years of age or over.....	.....	4	6	53	46	27	12	16	17	14	4	10	4	.....	204
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Custom Tailoring, Men's and Women's.....	174	64	93	91	141	144	167	147	191	260	234	199	60	14	1,765
Males 18 years of age or over.....	.....	5	6	9	6	8	7	19	43	166	199	184	57	14	3,722
Females 18 years of age or over.....	.....	20	31	73	123	136	169	128	147	94	35	15	3	.....	919
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
Dyeing and Finishing Textiles.....	7	24	16	6	5	23	4	1	1	48	40	33	7	1	341
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	86
Females 18 years of age or over.....	.....	.....	.....	.....	5	23	4	20	159	48	40	33	7	1	306

Flags, Banners and Regalia.....	8	.....	12	93	105	70	62	60	84	88	137	47	12	4	774
Males 13 years of age or over.....	.....	.....	4	57	96	63	57	51	63	55	124	41	12	4	293
Females 13 years of age or over.....	.....	.....	1	.....	.....	.....	.....	.....	.....	34	13	6	.....	4	476
Males under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Females under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Furnishing Goods, Men's.....	17	12	46	59	74	77	71	52	59	51	19	17	4	1	541
Males 13 years of age or over.....	.....	.....	.....	3	63	76	70	1	53	36	16	16	4	1	63
Females 13 years of age or over.....	.....	.....	.....	35	.....	.....	.....	51	.....	.....	8	1	.....	.....	423
Males under 13 years of age.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53
Hats and Caps, other than Felt, Straw and Wool.....	14	10	22	13	25	45	45	44	39	71	35	21	6	1	877
Males 13 years of age or over.....	.....	.....	.....	1	19	12	4	2	8	36	33	21	6	1	113
Females 13 years of age or over.....	.....	.....	.....	10	13	33	41	42	31	2	2	.....	.....	.....	221
Males under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Females under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
Horse Clothing.....	3	67	31	46	53	51	45	33	77	32	15	9	1	.....	460
Males 13 years of age or over.....	.....	.....	.....	38	49	12	19	13	67	32	14	9	1	.....	186
Females 13 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	16	10	.....	1	.....	.....	.....	134
Males under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
Females under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Hosiery and Knit Goods.....	32	62	203	475	555	599	585	496	599	313	110	79	33	8	4,083
Males 13 years of age or over.....	.....	.....	.....	15	33	63	61	80	168	193	93	73	36	8	3,017
Females 13 years of age or over.....	.....	.....	.....	361	401	506	617	415	423	146	17	6	2	.....	70
Males under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	209
Females under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,986
Millinery and Lace Goods.....	23	66	90	183	476	157	213	139	165	216	133	106	52	36	3,053
Males 13 years of age or over.....	.....	.....	.....	19	19	17	16	27	32	76	72	54	33	30	1,544
Females 13 years of age or over.....	.....	.....	.....	110	456	140	197	112	133	140	66	62	14	6	7
Males under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
Females under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	231
Oilcloth and Linoleum.....	4	15	16	1	18	6	8	9	54	110	35	34	7	.....	250
Males 13 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
Females 13 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	580
Males under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	400
Females under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	180
Shoddy.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,122
Males 13 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,073
Females 13 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,016
Males under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
Females under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
Woolen, Worsted and Felt Goods.....	17	8	52	134	487	717	414	325	489	283	133	109	19	12	2,665
Males 13 years of age or over.....	.....	.....	.....	1	61	103	162	142	183	172	117	107	17	12	813
Females 13 years of age or over.....	.....	.....	.....	119	373	610	252	183	301	121	16	2	2	.....	1,619
Males under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64
Females under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	179
Textiles, not otherwise classified.....	54	161	261	344	367	271	239	221	248	384	112	62	5	.....	15,376
Males 13 years of age or over.....	.....	.....	.....	17	32	18	40	82	102	338	95	60	5	.....	6,011
Females 13 years of age or over.....	.....	.....	.....	278	281	223	134	129	140	56	17	2	.....	.....	3,965
Males under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	123
Females under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	377
Tobacco Manufactures.....	246	584	922	1,250	1,728	1,777	2,238	1,774	2,250	1,633	703	438	31	10	15,376
Males 13 years of age or over.....	.....	.....	.....	122	240	254	352	639	834	1,177	690	427	31	10	6,011
Females 13 years of age or over.....	.....	.....	.....	1,000	1,407	1,476	1,882	1,062	1,369	455	43	1	.....	.....	3,965
Males under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	123
Females under 13 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	377

TABLE I—Continued.
THE STATE—Continued.

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.												Total	
		Under \$1	\$1 and under \$2.	\$2 and under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$7.	\$7 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$12.	\$12 and under \$15.		\$15 and over.
MANUFACTURES—Continued.															
<i>Vehicles for Land Transportation.</i>	332	30	39	199	388	478	1,131	1,397	7,038	14,307	11,091	11,174	2,708	408	90,268
Males 18 years of age or over.	14	14	66	96	210	270	661	1,177	6,662	14,140	11,065	11,132	2,708	408	48,153
Females 18 years of age or over.	8	8	39	51	104	134	321	574	3,376	7,967	6,026	6,042	1,380	250	17,115
Males under 18 years of age.	8	14	4	4	43	43	49	27	32	4	20	2	..	..	111
Females under 18 years of age.	104	8	15	46	225	259	577	645	4,819	10,446	8,617	8,622	2,270	373	38,824
Automobiles, including Bodies and Parts.															35,167
Males 18 years of age or over.	4	4	7	34	71	101	194	416	4,308	10,335	8,492	8,522	2,429	325	1,431
Females 18 years of age or over.	3	3	6	32	64	147	336	186	180	197	25	..	..	..	141
Males under 18 years of age.	1	1	6	140	22	11	33	25	31	4	..	..	..	..	172
Females under 18 years of age.	8	4	4	12	23	30	27	18	..	..	..	..	..	..	104
Bicycles, Motorcycles and Parts.															1,322
Males 18 years of age or over.	1	1	1	3	1	1	16	8	143	353	308	313	36	6	6
Females 18 years of age or over.	5	3	4	7	2	10	4	1	3	2	308	317	36	6	1,286
Carriages and Sleds, Children's.															1,407
Males 18 years of age or over.	..	..	..	34	7	12	30	66	291	499	269	139	15	5	5
Females 18 years of age or over.	..	..	..	12	2	9	17	11	30	1	..	..	..	..	83
Males under 18 years of age.	200	17	3	1	15	17	33	454	1,070	1,640	1,028	949	118	20	6,773
Carriages, Wagons and Materials.															6,513
Males 18 years of age or over.	8	15	41	118	112	201	428	899	1,637	1,637	1,027	948	118	30	290
Females 18 years of age or over.	2	2	15	68	58	28	23	23	30	3	1	1	..	..	163
Males under 18 years of age.	7	4	11	11	11	14	8	2	1	..	..	..	..	..	7
Females under 18 years of age.	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..
Cars, Steam Railroad, not including operation of Railroad Companies.	9	1	1	1	1	4	239	180	546	1,100	714	794	144	44	3,760
Males 18 years of age or over.	1	1	1	1	1	3	239	180	546	1,100	714	794	144	44	3,760
Females 18 years of age or over.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cars, Street Railroad, not including operation of Railroad Companies.	4	..	..	7	7	13	24	27	161	198	105	306	135	8	1,048
Males 18 years of age or over.	..	..	..	2	5	13	24	24	161	198	105	306	135	8	1,041
Females 18 years of age or over.	..	..	..	..	..	..	..	3	..	..	..	..	..	..	7
Males under 18 years of age.	..	..	..	2	2	..	..	..	..	..	..	..	..	..	4
Vehicles for Land Transportation, not otherwise classified.	2	..	..	..	..	..	..	5	18	31	9	1	1	..	65
Males 18 years of age or over.	..	..	..	..	..	..	..	5	18	31	9	1	1	..	65
Females 18 years of age or over.	640	119	398	1,117	1,641	1,565	1,839	3,009	8,117	10,083	7,898	7,460	1,952	251	44,199
Manufactures—Continued.															37,312
Males 18 years of age or over.	27	41	168	320	601	601	874	2,364	6,033	9,527	7,308	7,400	1,952	251	37,312

Females 18 years of age or over.....	39	153	750	1,146	941	851	718	1,163	549	90	29	2	6,441
Males 18 years of age or over.....	26	64	139	149	102	91	27	17	6	.....	1	.....	611
Females under 18 years of age.....	28	60	62	26	21	13	.....	4	1	.....	.....	.....	215
Agricultural Implements.....	6	14	23	36	81	152	574	1,266	917	940	802	110	4,829
Males 18 years of age or over.....	3	7	10	25	68	148	563	1,250	902	884	798	110	4,838
Females 18 years of age or over.....	1	4	4	11	4	3	3	4	12	6	4	.....	43
Males under 18 years of age.....	1	1	12	11	19	10	25	2	3	.....	.....	.....	48
Brooms and Mats.....	1	10	20	20	4	3	10	49	75	36	23	.....	290
Males 18 years of age or over.....	2	6	6	12	12	10	23	49	75	36	23	.....	242
Females 18 years of age or over.....	.....	.....	14	14	7	.....	.....	.....	.....	.....	.....	.....	40
Brushes 18 years of age or over.....	1	3	14	12	.....	.....	.....	.....	.....	.....	.....	.....	8
Males 18 years of age or over.....	2	10	18	59	47	43	62	90	105	77	65	32	613
Females 18 years of age or over.....	.....	.....	2	11	21	21	46	77	101	77	68	32	458
Combs 18 years of age or over.....	2	3	11	43	25	21	16	13	4	.....	.....	.....	138
Males 18 years of age or over.....	.....	.....	4	1	1	1	.....	.....	.....	.....	.....	.....	7
Females 18 years of age or over.....	.....	5	1	4	.....	.....	.....	.....	.....	.....	.....	.....	10
Clothes 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	564
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	594
Females 18 years of age or over.....	.....	1	35	45	61	26	46	1	183	222	153	33	594
Dresses 18 years of age or over.....	.....	1	14	14	8	7	31	44	69	41	45	16	422
Males 18 years of age or over.....	.....	.....	21	29	40	17	14	8	66	40	45	16	282
Females 18 years of age or over.....	.....	.....	2	2	.....	2	.....	.....	3	1	.....	.....	133
Electrical Machinery, Apparatus and Supplies 18 years of age or over.....	4	23	202	272	344	558	1,042	2,657	3,252	2,005	2,158	592	13,282
Males 18 years of age or over.....	3	7	24	50	81	274	731	2,402	2,989	1,939	2,149	592	11,774
Females 18 years of age or over.....	.....	10	144	179	234	282	314	254	262	36	6	.....	1,648
Enameling and Japanning.....	1	10	27	42	30	54	7	11	.....	.....	.....	.....	183
Males 18 years of age or over.....	.....	1	44	3	39	46	51	38	92	65	17	8	27
Females 18 years of age or over.....	.....	.....	.....	.....	.....	36	26	37	88	62	.....	.....	476
Fancy Articles.....	.....	.....	.....	.....	.....	10	20	1	4	.....	.....	.....	198
Males 18 years of age or over.....	.....	.....	44	3	39	46	51	38	92	65	17	8	27
Females 18 years of age or over.....	.....	7	42	73	34	40	34	65	88	72	103	13	524
Furniture 18 years of age or over.....	1	18	18	38	21	18	19	59	81	69	101	13	485
Males 18 years of age or over.....	.....	23	23	34	12	23	15	7	7	3	2	.....	177
Females 18 years of age or over.....	.....	4	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
Ice, Manufactured.....	.....	3	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Males 18 years of age or over.....	.....	2	3	2	6	2	25	64	764	588	745	89	2,312
Females 18 years of age or over.....	.....	1	2	.....	3	2	25	64	763	588	745	89	2,303
Instrumente, Professional and Scientific.....	1	1	1	1	3	.....	.....	.....	1	.....	.....	.....	8
Males 18 years of age or over.....	.....	6	57	44	29	27	20	278	247	305	193	43	1,255
Females 18 years of age or over.....	.....	16	16	15	10	13	8	271	244	305	193	43	1,124
Mats 18 years of age or over.....	.....	.....	11	23	17	13	12	7	3	.....	.....	.....	36
Mattresses and Spring Beds.....	.....	2	26	2	1	1	.....	.....	.....	.....	.....	.....	3
Males 18 years of age or over.....	.....	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,240
Females 18 years of age or over.....	.....	13	22	57	140	57	127	277	276	144	107	34	312
Males 18 years of age or over.....	.....	12	3	10	35	38	38	201	252	137	101	34	314
Females 18 years of age or over.....	.....	6	14	40	100	20	33	36	23	7	6	.....	13
Males under 18 years of age.....	.....	11	4	2	2	2	3	1	1	.....	.....	.....	1

TABLE I—Continued.
THE STATE—Continued.

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total
MANUFACTURES—Concluded.															
Models and Patterns, not including Paper Patterns	42	6	17	16	15	14	17	10	27	49	72	397	36	1	547
Males 18 years of age or over.		4	9	9	10	8	16	10	26	49	72	387	36	1	517
Females 18 years of age or over.															
Males under 18 years of age.	5	2	8	7	5	6	1	107	1,377	834	513	638	280	49	4,109
Males 18 years of age or over.				8	86	56	161	45	721	653	491	635	280	49	2,900
Females 18 years of age or over.					82	42	136	60	656	181	22	3			1,179
Males under 18 years of age.															17
Females under 18 years of age.															4
Pianos, Organs and Materials.	25		3	57	144	65	78	133	423	738	580	576	71	6	2,854
Males 18 years of age or over.				1	30	30	59	126	420	738	580	574	71	6	2,616
Females 18 years of age or over.			2	22	85	19	11	6	3						148
Males under 18 years of age.		1	1	13	27	16	6	3							66
Females under 18 years of age.															6
Roofing Materials.	5		3	20	8	2	4	16	172	292	146	108	19	7	789
Males 18 years of age or over.				12			4	16	171	292	146	106	19	7	763
Females 18 years of age or over.															13
Males under 18 years of age.															8
Females under 18 years of age.															8
Shipbuilding, including Boat Building.	19		1	6	5	21	7	44	414	1,024	744	770	114	11	3,161
Males 18 years of age or over.			1	6	5	21	7	44	414	1,023	744	770	114	11	3,156
Males under 18 years of age.															5
Females 18 years of age or over.	32	16	38	121	249	187	82	265	177	170	105	132	64	13	1,559
Males 18 years of age or over.		2	1	12	25	60	23	213	150	168	105	122	64	13	833
Females 18 years of age or over.		13	37	102	220	76	58	52	38	2					594
Males under 18 years of age.				7		1	1								11
Females under 18 years of age.		2			2	1	1		1						6
Soda Water Apparatus.	3			3	3	1									
Males 18 years of age or over.				3	3	1									
Females 18 years of age or over.				2	2	6		3	27	77	166	53	6		343
Males under 18 years of age.															340
Sporting and Athletic Goods.	6		13	63	75	58	54	60	106	88	74	70	8		655
Males 18 years of age or over.			13	3	6	8	27	49	83	87	71	70	8		411
Females 18 years of age or over.			10	48	41	24	25	19	14	7	3				196
Males under 18 years of age.		2	2	11	26	4	2	1							46
Females under 18 years of age.		1		3	1				2						6

Stationery, Goods	21	16	23	91	79	65	81	59	131	155	83	98	17	896
Males 18 years of age or over	1	1	1	4	7	29	29	44	111	144	83	98	17	536
Females 18 years of age or over	1	1	1	7	6	34	33	15	20	11	1	1	17	536
Males under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	28
Females under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	28
Toys and Games	20	15	10	108	155	211	158	148	164	190	148	140	22	1,632
Males 18 years of age or over	1	1	1	8	17	31	27	16	100	171	140	140	21	74
Females 18 years of age or over	1	1	1	8	17	31	27	16	100	171	140	140	21	74
Males under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	42
Females under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	42
Umbrellas and Canes	8	6	11	43	58	23	38	40	21	22	22	20	2	296
Males 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	10
Females 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	10
Males under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	176
Females under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	20
Washing Machines and Clothes Wring- ers	10	1	1	2	3	1	1	1	1	1	1	1	1	204
Males 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	204
Females 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	204
Manufacturing Industries, not other- wise classified	85	83	54	105	148	121	150	113	222	323	229	190	52	1,782
Males 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	1,782
Females 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	1,782
Males under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	477
Females under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	51
SERVICE	1,524	536	938	2,275	3,046	3,777	2,687	2,187	3,332	4,244	3,356	3,171	877	21,904
Males 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	19,094
Females 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	19,094
Males under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	12,417
Females under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Amusement Parks	36	3	10	17	36	12	10	3	2	2	170	31	17	283
Males 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	196
Females 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	196
Males under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	1,650
Females under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	594
Barbers	20	1	1	2	7	11	2	1	9	59	64	15	3	11
Males 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	106
Females 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	39
Males under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Females under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Garages	202	4	11	12	17	45	49	59	203	416	531	635	147	2,121
Males 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	2,062
Females 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	6
Males under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	35
Females under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	189
Hospitals	12	3	6	16	23	32	23	20	21	35	27	18	8	28
Males 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Females 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Males under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Females under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Hotels	288	344	529	743	985	1,231	831	771	746	737	571	698	149	8,504
Males 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	43
Females 18 years of age or over	1	1	1	1	1	1	1	1	1	1	1	1	1	43
Males under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	3,041
Females under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	3,041
Males under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	50
Females under 18 years of age	1	1	1	1	1	1	1	1	1	1	1	1	1	9

TABLE I—Continued.
THE STATE—Continued.

Industry, Sex and Age.	Number of estab-lish-ments report-ing.	Number of wage earners at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
SERVICE—Continued.															
Laundries and Dry Cleaners.	277														
Males 18 years of age or over.	71	148	633	1,730	1,361	860	530	527	804	703	509	127	13	8,096	
Females 18 years of age or over.	9	12	18	39	54	53	142	500	718	674	497	127	13	2,657	
Males under 18 years of age.	29	120	615	1,670	1,302	800	385	257	115	29	12			5,344	
Females under 18 years of age.	19	9	6	15	2	4	3	1						56	
Office Buildings.	168														
Males 18 years of age or over.	20	18	37	248	292	300	234	366	640	313	280	63	16	2,738	
Females 18 years of age or over.	11	6	15	18	34	91	140	368	535	306	295	63	16	1,881	
Males under 18 years of age.	11	8	22	229	258	1	94	18	14	5	3			1,881	
Females under 18 years of age.	5	5	1	1										35	
Restaurants.	233														
Males 18 years of age or over.	173	112	313	412	414	357	296	491	435	283	153	44	14	3,508	
Females 18 years of age or over.	29	23	60	112	165	135	180	231	378	272	152	44	13	1,804	
Males under 18 years of age.	143	80	255	390	249	225	116	160	47	21	4		1	1,604	
Females under 18 years of age.	1		1	1			2							4	
Saloons.	163														
Males 18 years of age or over.	18	7	62	168	135	80	63	62	197	179	204	64	16	1,404	
Females 18 years of age or over.	12	1	16	82	79	50	58	201	185	174	203	63	15	1,142	
Males under 18 years of age.	6	5	46	86	46	30	5	18	12	5	1			231	
Theaters.	102														
Males 18 years of age or over.	146	67	119	171	136	53	48	123	162	165	343	146	31	1,734	
Females 18 years of age or over.	84	50	46	81	61	39	37	94	154	151	226	142	32	1,287	
Males under 18 years of age.	20	21	51	85	75	24	9	29	8	14	17			382	
Females under 18 years of age.	42	16	21	5										84	
Service, not otherwise classified.	113														
Males 18 years of age or over.	9	5	20	23	26	17	74	92	289	277	195	54	21	1,199	
Females 18 years of age or over.	2	4	11	30	33	17	14	75	173	269	179	54	21	1,032	
Males under 18 years of age.		1	2	3	5	10	58	17	26	8	7			157	
Females under 18 years of age.							2							10	
TRADE.	4,199														
Males 18 years of age or over.	689	1,172	1,705	2,173	1,926	1,554	910	5,064	12,118	7,054	2,783	863	266	40,257	
Females 18 years of age or over.	105	117	351	580	569	519	1,273	4,254	11,040	6,793	2,699	869	272	30,977	
Males under 18 years of age.	566	568	950	1,297	1,097	912	815	791	949	226	184	54	34	7,621	
Females under 18 years of age.	150	277	273	272	271	28	21	19	6	4				1,070	
Offices.	291														
Males 18 years of age or over.	178	182	142	88	30	25	10	13	51	164	68	39	13	629	
Females 18 years of age or over.	3	4	6	9	7	25	7	12	51	163	68	39	13	412	
Males under 18 years of age.	1		6	6	4	20	2	1		1				365	
Females under 18 years of age.	2			1	3	4	1							46	

Retail Delivery, Milk, Ice and Water.	60	2	3	3	3	2	2	1	6	42	573	544	102	6	3	1,289
Males 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	573	544	102	6	3	1,277
Females 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Retail and Wholesale Stores.	3,223	682	1,123	1,599	1,693	1,411	1,719	3,682	7,515	2,982	740	4,901	2,982	740	277	20,196
Males under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21,312
Males 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7,708
Females under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,049
Females under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,626
Yards, Coal and Lumber.	655	32	43	98	168	94	117	375	3,979	621	78	1,415	621	78	13	7,850
Males 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7,982
Females 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	363
Males under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
Females under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
TRANSPORTATION AND PUBLIC UTILITIES	1,011	701	1,050	2,150	1,914	1,479	1,099	2,285	5,044	9,327	1,173	9,553	9,327	1,173	137	49,875
Males 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4,415
Females 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8,415
Males under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,275
Females under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,020
Cartage (Drayage) and Storage, including Livery Stables.	316	17	38	46	38	46	97	279	684	1,862	43	1,062	301	43	4	4,419
Males 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4,415
Females 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Males under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Females under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Electric Light and Power.	104	7	16	5	8	5	32	40	439	1,621	140	848	711	140	9	3,879
Males 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,866
Females 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Males under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Females under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Electric Railroads.	64	34	16	17	48	49	56	584	2,027	3,225	186	4,044	4,388	186	19	14,719
Males 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14,617
Females 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	67
Males under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
Females under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Natural Gas.	88	24	4	10	6	5	9	10	309	3,370	89	970	621	89	3	5,481
Males 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5,463
Females 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
Males under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Females under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Pipe Lines (Petroleum).	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Males 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17
Females 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17
Males under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Females under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Steam Railroads.	10	6	4	3	5	10	25	29	46	80	81	86	245	81	18	386
Males 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	390
Females 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Males under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Females under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Telegraph and Telephone.	347	587	1,015	2,113	1,783	1,281	847	1,161	1,235	1,766	183	1,902	1,741	183	22	16,299
Males 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16,299
Females 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
Males under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8,249
Females under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	887
Transportation by Water, including Stevedoring.	34	14	1	1	36	5	5	35	44	596	272	469	1,170	272	62	2,811
Males 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,786
Females 18 years of age or over.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	34
Males under 18 years of age.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21

TABLE I—Continued.
THE STATE—Concluded.

Industry, Sex and Age.	Number of estab-lish-ments report-ing.	Number of wage earners at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total
TRANSPORTATION AND PUBLIC UTILITIES—Concluded.															
Waterworks	20	2	.....	1	2	1	.....	7	53	138	53	25	.....	.....	291
Males 18 years of age or over.....	.....	1	.....	1	2	1	.....	7	53	138	53	25	.....	.....	290
Females under 18 years of age.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Transportation and Public Utilities, not otherwise classified.....	17	.....	.....	.....	2	.....	.....	3	26	245	95	34	5	.....	430
Males 18 years of age or over.....	.....	.....	.....	.....	1	.....	.....	3	26	245	95	34	5	.....	429
Males under 18 years of age.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
ALLEN COUNTY															
ALL INDUSTRIES															
Males 18 years of age or over.....	235	50	184	351	377	387	407	484	1,425	1,728	1,214	1,403	327	110	8,465
Females 18 years of age or over.....	.....	21	122	48	56	110	110	259	1,251	1,526	1,193	1,397	337	110	6,172
Males under 18 years of age.....	.....	19	103	271	212	244	276	187	279	351	21	6	.....	.....	1,720
Females under 18 years of age.....	.....	8	17	46	34	17	8	4	1	.....	.....	.....	.....	.....	134
Males 18 years of age or over.....	.....	.....	42	36	21	13	3	4	1	.....	.....	.....	.....	.....	139
CONSTRUCTION—															
General Contracting.....	12	4	3	1	4	2	7	5	40	59	60	43	22	2	244
Males 18 years of age or over.....	.....	4	2	1	4	2	7	5	40	59	60	43	22	2	235
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
Street, Road and Sewer Contracting.....	3	.....	.....	1	.....	9	2	17	27	29	12	2	8	3	111
Males 18 years of age or over.....	.....	.....	.....	1	.....	9	2	17	27	29	12	2	8	3	111
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MANUFACTURES—															
Brick and Tile.....	5	.....	1	.....	2	.....	.....	3	23	45	17	13	2	.....	111
Males 18 years of age or over.....	.....	.....	.....	.....	1	.....	.....	3	23	45	17	13	2	.....	109
Males under 18 years of age.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Foundry and Machine Shop Products.....	13	.....	1	3	.....	1	8	32	198	207	149	176	21	1	766
Males 18 years of age or over.....	.....	.....	.....	3	.....	1	8	32	198	207	149	176	21	1	766
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lumber and Planing Mill Products.....	10	.....	1	.....	3	.....	.....	6	21	43	33	7	.....	.....	109
Males 18 years of age or over.....	.....	.....	.....	.....	3	.....	.....	6	21	43	33	7	.....	.....	106
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3

Printing and Publishing.....	10	6	3	5	12	4	11	4	2	3	8	14	17	49	3	1	137
Males 18 years of age or over.....	.....	3	1	1	4	3	3	1	2	6	13	17	45	1	3	1	102
Females 18 years of age or over.....	.....	1	3	3	4	1	8	3	.....	3	3	1	1	.....	.....	.....	25
Males under 18 years of age.....	.....	2	1	1	6	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Tobacco Manufactures.....	4	96	142	96	17	96	146	262	190	310	219	106	159	3	3	2	1,712
Males 18 years of age or over.....	.....	.....	.....	.....	17	9	19	19	32	70	78	99	153	3	3	2	510
Females 18 years of age or over.....	.....	.....	.....	.....	4	50	104	217	140	237	140	9	1	.....	.....	.....	1,024
Males under 18 years of age.....	.....	.....	.....	.....	26	12	6	8	4	2	.....	.....	.....	.....	.....	.....	63
Females under 18 years of age.....	.....	.....	.....	.....	29	19	13	8	4	1	.....	.....	.....	.....	.....	.....	116
SERVICE—																	
Hotels.....	7	6	6	22	24	17	6	6	10	14	14	1	6	1	1	.....	124
Males 18 years of age or over.....	.....	6	4	4	5	11	2	2	3	8	11	1	6	1	.....	.....	60
Females 18 years of age or over.....	.....	.....	.....	15	19	6	1	2	7	6	3	.....	.....	.....	.....	.....	59
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Laundries and Dry Cleaners.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	107
Males 18 years of age or over.....	.....	.....	.....	.....	12	23	29	9	3	6	13	7	4	.....	.....	.....	33
Females 18 years of age or over.....	.....	.....	.....	.....	13	1	29	8	1	1	.....	.....	.....	.....	.....	.....	74
TRADE—																	
Retail and Wholesale Stores.....	56	12	.....	8	6	9	8	8	14	46	63	33	21	3	.....	.....	226
Males 18 years of age or over.....	.....	.....	.....	1	2	2	4	4	8	38	59	28	20	3	.....	.....	169
Females 18 years of age or over.....	.....	.....	.....	.....	1	6	4	4	6	8	4	6	1	.....	.....	.....	44
Males under 18 years of age.....	.....	.....	.....	2	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
TRANSPORTATION AND PUBLIC UTILITIES—																	
Telegraph and Telephone.....	7	3	3	5	24	51	45	10	5	6	21	28	13	8	.....	.....	219
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78
Females 18 years of age or over.....	.....	.....	.....	.....	24	51	43	10	4	2	3	.....	.....	.....	.....	.....	141

ASHTABULA COUNTY

ALL INDUSTRIES	153	53	43	66	279	136	90	164	608	1,824	554	1,143	186	45	5,135
Males 18 years of age or over.....	.....	21	20	18	38	43	49	127	585	1,816	553	1,140	186	45	4,640
Females 18 years of age or over.....	.....	24	22	40	240	84	25	23	15	7	1	3	.....	.....	490
Males under 18 years of age.....	.....	8	3	8	1	8	6	11	6	1	.....	.....	.....	.....	61
Females under 18 years of age.....	.....	.....	3	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	4
AGRICULTURE—															
Florists, Fruit Growers, Nurserymen and Seedsmen	7	8	12	.....	6	4	5	10	42	65	10	12	2	.....	176
Males 18 years of age or over.....	.....	8	12	.....	6	1	.....	4	42	65	10	12	2	.....	163
Females 18 years of age or over.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	13
Males under 18 years of age.....	.....	.....	.....	.....	.....	1	5	6	.....	.....	.....	.....	.....	.....	.....
CONSTRUCTION—															
General Contracting	7	.....	.....	.....	1	.....	.....	3	17	280	5	49	11	3	319
Males 18 years of age or over.....	.....	.....	.....	.....	1	.....	.....	3	17	280	5	49	11	3	319

TABLE I—Continued.
ASHTABULA COUNTY—Concluded

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.														Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.		
MANUFACTURES—																
Baskets and Rattan and Willow Ware.	5	12	2	5	10	14	8	15	24	37	8	2	2	.....	140
Males 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88
Females 18 years of age or over.	.....	12	2	5	9	13	2	7	24	37	8	2	2	.....	52
Canning and Preserving Fruits and Vegetables.	5	5	1	5	190	35	5	19	24	17	4	2	1	.....	309
Males 18 years of age or over.	.....	.....	.....	.....	10	10	1	1	10	20	13	4	1	.....	71
Females 18 years of age or over.	.....	.....	.....	.....	180	25	4	9	4	4	.....	.....	.....	.....	232
Males under 18 years of age.	.....	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
Cutlery and Tools.	3	.....	.....	1	1	6	21	17	32	22	21	11	2	.....	134
Males 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131
Males under 18 years of age.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Foundry and Machine Shop Products.	3	3	5	4	5	8	6	13	27	45	19	21	2	.....	152
Males 18 years of age or over.	.....	3	5	4	.....	.....	2	13	25	45	18	21	2	.....	142
Females 18 years of age or over.	.....	.....	.....	.....	.....	.....	4	3	2	.....	1	.....	.....	.....	17
Males under 18 years of age.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Leather Tanned, Curled and Finished.	3	.....	1	.....	.....	5	.....	.....	70	131	60	89	19	.....	339
Males 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	69	131	60	89	19	.....	332
Males under 18 years of age.	.....	.....	1	.....	.....	5	.....	.....	1	.....	.....	.....	.....	.....	7
TRANSPORTATION AND PUBLIC UTILITIES—																
Telegraph and Telephone.	8	2	10	11	13	14	3	.....	5	35	41	8	3	.....	145
Males 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88
Females 18 years of age or over.	.....	2	10	11	13	14	3	.....	2	34	41	8	3	.....	53
Transportation by Water, Including Stevedoring.	8	.....	.....	.....	.....	1	1	1	9	219	107	635	91	.....	1,087
Males 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	9	219	107	635	91	.....	1,067
BELMONT COUNTY																
ALL INDUSTRIES	151	205	125	331	243	342	495	489	1,045	1,757	1,389	1,294	719	164	8,513	
Males 18 years of age or over.	.....	24	10	53	115	204	357	357	995	1,740	1,384	1,284	719	164	7,404
Females 18 years of age or over.	.....	153	123	290	112	131	83	96	51	17	5	.....	.....	.....	1,053

TABLE I—Continued.
BUTLER COUNTY—Concluded

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.																Total.
		Under \$1.	\$1 but under \$2.	\$2 but under \$3.	\$3 but under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
MANUFACTURES—																		
Copper, Tin and Sheet Iron Products.....	4	1	3	15	23	18	37	50	53	52	27	25	25	27	25	8	315	
Males 18 years of age or over.....						2	3	30	49	49						6	197	
Females 18 years of age or over.....		1	2	10	17	14	29	19	8	3							102	
Males under 18 years of age.....				6	5	2	4	1	1								20	
Females under 18 years of age.....																	2	
Foundry and Machine Shop Products.....	22	9	37	83	49	46	56	75	341	717	552	943	943	552	943	253	3,174	
Males 18 years of age or over.....		6	14	49	28	35	52	74	342	717	552					10	3,085	
Females 18 years of age or over.....				12	8	7	3	1	2								86	
Males under 18 years of age.....		3	21	22	3	4											64	
Lumber and Planing Mill Products.....	7									60	31	37	37	31	37	4	159	
Males 18 years of age or over.....										60						10	159	
Males under 18 years of age.....					1			25	30							4	108	
Paper and Wood Pulp.....	13	1	4	34	170	128	52	66	570	819	219	193	193	219	193	36	2,267	
Males 18 years of age or over.....						3	16	28	566	817						5	1,373	
Females 18 years of age or over.....		1	4		170	125	36	11	11	34	19	46	46	19	46	8	240	
Males under 18 years of age.....	11	86	18	16	18	6	1	8	6	31	17	41	41	17	41	8	131	
Females 18 years of age or over.....			2	4	2	6		3	5	3	2			2			68	
Tobacco Manufactures.....	33	3	13	10	13	10	5	3	6	3							41	
Males under 18 years of age.....																		
Females 18 years of age or over.....	7	66	142	187	177	159	466	345	270	163	37	25	25	37	25	2	1,892	
Males 18 years of age or over.....		3	10	20	22	35	98	324	229	134	37	25	25	37	25	2	942	
Females 18 years of age or over.....		63	132	115	154	114	368	21	41	29							1,067	
Males under 18 years of age.....				1	1	10											12	
Females under 18 years of age.....																	1	
TRADE—																		
Retail and Wholesale Stores.....	53	14	10	9	25	6	5	10	23	50	32	13	13	32	13	7	294	
Males 18 years of age or over.....		8	2	4	10	2	1	2	18	46	30	13	13	46	30	7	146	
Females 18 years of age or over.....		2	7	4	16	4	4	8	5	2	2			2			63	
Males under 18 years of age.....		4	1	1													6	
Females under 18 years of age.....																		
Yards, Coal and Lumber.....	16									65	7	20	20	65	20	2	161	
Males 18 years of age or over.....										65							161	
Females 18 years of age or over.....																	188	
Females 18 years of age or over.....			3													3	3	
TRANSPORTATION AND PUBLIC UTILITIES—																		
Telegraph and Telephone.....	7	6	16	24	12	19	8	12	11	10	22	15					155	

TABLE I—Continued.
CLARK COUNTY — Concluded

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.														Total
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.		
MANUFACTURES—Concluded.																
Printing and Publishing.....	17	38	18	69	67	44	34	45	103	103	41	198	28	13	799	
Males 18 years of age or over.....		13		6	16	23	23	42	97	97	38	198	28	13	600	
Females 18 years of age or over.....			15	61	48	16	9	3	6	1	3				182	
Males under 18 years of age.....		23	3	3	3	1									33	
Females under 18 years of age.....															4	
SERVICE—																
Laundries and Dry Cleaners.....	7	4	13	51	27	6	3	2	4	15	6	2	2		115	
Males 18 years of age or over.....		1		2		2	1		3	15	6	2	2		34	
Females 18 years of age or over.....		2	13	29	27	4	2	2	1						80	
Males under 18 years of age.....		1													1	
TRADE—																
Retail and Wholesale Stores.....	57		15	13	11	6	10	11	43	92	48	26	7	2	294	
Males 18 years of age or over.....			4	3	3	2	6	10	42	92	47	25	7	2	243	
Females 18 years of age or over.....			11	10	8	4	4	1	1		1	1			41	
Yards, Coal and Lumber.....	13	4		3	27	3	6	6	20	40	7	4			114	
Males 18 years of age or over.....				2	24	3	6		20	40	7	4			108	
Females 18 years of age or over.....		4		1	3										8	
TRANSPORTATION AND PUBLIC UTILITIES—																
Electric Railroads.....	3	4	2	1		2	4	25	160	124	144	44	13		523	
Males 18 years of age or over.....		4	2	1		1	4	25	160	124	144	44	13		522	
Females 18 years of age or over.....															1	
Telegraph and Telephone.....	7	26	49	59	28	18	9	6	19	17	27	9			267	
Males 18 years of age or over.....		2		1	1	4		2	13	16	28	9			79	
Females 18 years of age or over.....		24	49	58	27	14	9	4	1	1	1				188	
COLUMBIANA COUNTY																
ALL INDUSTRIES.....	253	49	64	255	294	518	498	725	1,598	2,992	1,899	2,476	651	152	17,100	
Males 18 years of age or over.....		4	10	18	48	54	103	870	1,324	2,907	1,837	2,449	660	152	9,876	
Females 18 years of age or over.....		18	39	184	191	409	395	217	252	132	62	28	1		1,906	

Males under 18 years of age.....	11	4	11	33	37	25	127	21	3	.....	.....	.....	.....	232
Females under 18 years of age.....	16	11	22	12	15	5	1	1	.....	.....	.....	.....	.....	86
MANUFACTURES—														
Brick and Tile.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Copper, Tin and Sheet Iron Products.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Foundry and Machine Shop Products.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kaoilin and Ground Earths.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pottery, Terra-Cotta and Fire Clay Products.....	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and Publishing.....	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rubber Products.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TRADE—														
Retail and Wholesale Stores.....	49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TRANSPORTATION AND PUBLIC UTILITIES—														
Telegraph and Telephone.....	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CUYAHOGA COUNTY

ALL INDUSTRIES.....	2,855	371	1,156	2,854	6,679	7,328	7,511	9,544	25,770	45,678	32,460	33,488	10,558	2,049	186,406
Males 18 years of age or over.....	.....	89	140	522	967	1,360	2,641	5,918	22,943	43,612	31,892	33,216	10,439	2,013	155,102
Females 18 years of age or over.....	.....	150	548	1,665	4,900	5,394	4,469	3,462	3,462	2,019	3,560	271	69	36	27,005
Males under 18 years of age.....	.....	41	132	1,362	517	433	328	131	69	29	7	1	.....	.....	2,100
Females under 18 years of age.....	.....	41	236	315	296	141	73	33	6	8	1	.....	.....	.....	1,139

TABLE I—Continued.
CUYAHOGA COUNTY — Continued

Industry, Sex and Age.	Number of estab-lish-ments report-ing.	Number of wage earners at each classified rate of wages per week.													Total.
		Under \$1.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
AGRICULTURE—															
Florists, Fruit Growers, Nurserymen and Seedsmen.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	161
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	153
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
CONSTRUCTION—															
Brick, Stone and Cement Work.....	77	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,833
Males 18 years of age or over.....	.....	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,342
Electrical Contracting.....	19	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	333
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	319
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
General Contracting.....	269	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,069
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	307
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Painting and Decorating.....	62	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	818
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	816
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Plastering.....	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	775
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	775
Plumbing and Steam Fitting.....	43	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	729
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	729
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Sand and Gravel Excavating.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125
Sheet Metal Work and Roofing.....	56	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
Street, Road and Sewer Contracting.....	73	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	877
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	877
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
Ventilating and Heating.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,578
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,568
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
FISHERIES															
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	207
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	207

MANUFACTURES-

16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
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TABLE I—Continued.
CUYAHOGA COUNTY — Continued

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.														Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 and over.			
MANUFACTURES—Continued.																
Brushes.....	5				7	19	10	41	46	53	50	41	16			306
Males 18 years of age or over.....					1	4	5	33	38	53	50	41	16			254
Females 18 years of age or over.....					4	12	5	8	8							17
Males under 18 years of age.....					1	1	5									1
Females under 18 years of age.....					1											4
Butter, Cheese and Condensed Milk.....	5															125
Males 18 years of age or over.....																115
Females 18 years of age or over.....																7
Males under 18 years of age.....																7
Females under 18 years of age.....																3
Carriages, Wagons and Materials.....	26															468
Males 18 years of age or over.....																468
Females 18 years of age or over.....																1
Males under 18 years of age.....																1
Females under 18 years of age.....																1
Chemicals, Acids and Wood Distillation.....	13															1,027
Males 18 years of age or over.....																1,008
Females 18 years of age or over.....																13
Males under 18 years of age.....																6
Females under 18 years of age.....																2,364
Clothing, Men's, including Shirts.....	27															1,068
Males 18 years of age or over.....																1,111
Females 18 years of age or over.....																3
Males under 18 years of age.....																128
Females under 18 years of age.....																7,018
Clothing, Women's.....	53															2,468
Males 18 years of age or over.....																4,400
Females 18 years of age or over.....																160
Males under 18 years of age.....																648
Females under 18 years of age.....																407
Coffee, Spices and Peanuts (Roasting and Grinding).....	9															193
Males 18 years of age or over.....																35
Females 18 years of age or over.....																8
Males under 18 years of age.....																188
Females under 18 years of age.....																144
Coffins, Burial Cases and Undertakers' Goods.....	3															188
Males 18 years of age or over.....																144
Females 18 years of age or over.....																26

Males under 18 years of age.....	1	3	117	159	116	72	86	.....	.....	1
Females under 18 years of age.....	2	82	171	169	116	72	86	.....	.....	5
Confectionery and Ice Cream.....	180	240	71	8	60	94	34	.....	.....	1,345
Males 18 years of age or over.....	1	1	33	8	107	68	83	.....	.....	784
Females 18 years of age or over.....	67	216	133	66	19	4	3	.....	.....	70
Copperage and Related Wooden Goods.....	34	17	6	.....	.....	.....	.....	.....	.....	394
Males 18 years of age or over.....	.....	.....	.....	26	35	137	66	.....	.....	76
Females 18 years of age or over.....	.....	.....	.....	32	35	137	66	.....	.....	394
Copper, Tin and Sheet Iron Products.....	31	60	.....	26	.....	.....	.....	.....	.....	26
Males 18 years of age or over.....	59	156	162	400	955	615	874	.....	.....	3,531
Females 18 years of age or over.....	1	6	18	140	349	927	608	.....	.....	3,191
Males 18 years of age or over.....	4	32	44	62	41	51	6	.....	.....	3,116
Females 18 years of age or over.....	12	20	21	20	1	.....	.....	.....	.....	7
Custom Tailoring, Men's and Women's.....	30	11	22	27	33	68	90	.....	.....	387
Males 18 years of age or over.....	1	1	7	8	37	45	69	.....	.....	3
Females 18 years of age or over.....	5	18	16	25	31	18	11	.....	.....	191
Males under 18 years of age.....	1	1	.....	.....	.....	.....	.....	.....	.....	183
Females under 18 years of age.....	2	3	.....	.....	.....	.....	.....	.....	.....	3
Cutlery and Tools.....	6	3	.....	.....	.....	.....	.....	.....	.....	10
Males 18 years of age or over.....	1	2	.....	.....	.....	.....	.....	.....	.....	1,162
Females 18 years of age or over.....	1	8	.....	.....	.....	.....	.....	.....	.....	1,493
Males under 18 years of age or over.....	1	1	.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age or over.....	1	2	.....	.....	.....	.....	.....	.....	.....	1
Dentists' Materials.....	3	6	.....	.....	.....	.....	.....	.....	.....	158
Males 18 years of age or over.....	23	12	20	10	17	23	25	.....	.....	111
Females 18 years of age or over.....	10	3	4	2	13	23	15	.....	.....	40
Females under 18 years of age.....	13	7	13	2	.....	.....	.....	.....	.....	7
Electrical Machinery, Apparatus and Supply.....	38	157	87	179	272	1,316	886	.....	.....	5,090
Males 18 years of age or over.....	3	13	16	100	174	1,301	871	.....	.....	4,546
Females 18 years of age or over.....	72	123	56	39	98	20	15	.....	.....	459
Males under 18 years of age.....	1	21	9	33	.....	.....	.....	.....	.....	74
Females under 18 years of age.....	1	6	7	.....	.....	.....	.....	.....	.....	14
Embellishing and Japaning.....	4	3	18	11	21	64	39	.....	.....	183
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	147
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	147
Fancy Articles.....	4	3	18	11	21	64	39	.....	.....	161
Males 18 years of age or over.....	7	37	8	15	17	8	7	.....	.....	87
Females 18 years of age or over.....	10	6	1	2	10	3	4	.....	.....	1
Males under 18 years of age.....	17	31	6	12	10	3	5	.....	.....	1
Females under 18 years of age.....	4	1	1	1	.....	.....	.....	.....	.....	1
Flavoring Extracts.....	3	1	.....	.....	.....	.....	.....	.....	.....	1
Males 18 years of age or over.....	8	5	81	2	2	12	4	.....	.....	123
Females 18 years of age or over.....	1	1	.....	.....	.....	.....	.....	.....	.....	28
Flour Mill and Grist Mill Products.....	11	8	80	2	1	105	39	.....	.....	213
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	210
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Food Preparations.....	6	46	11	16	10	31	21	.....	.....	253
Males 18 years of age or over.....	1	1	1	8	74	30	9	.....	.....	145
Females 18 years of age or over.....	1	46	10	15	1	.....	.....	.....	.....	112
Fordings.....	19	38	46	135	437	1,355	913	.....	.....	4,593
Males 18 years of age or over.....	2	46	84	389	730	1,348	713	.....	.....	4,603
Females 18 years of age or over.....	33	13	8	43	44	12	7	.....	.....	233
Males under 18 years of age.....	12	33	76	48	.....	.....	.....	.....	.....	50

TABLE I—Continued.
CUYAHOGA COUNTY — Continued

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.												
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$14.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	Total.
MANUFACTURES—Continued.														
Foundry and Machine Shop Products.....	206	25	58	209	379	529	588	1,422	5,429	8,339	5,618	6,336	1,276	260
Males 18 years of age or over.....	19	28	16	104	166	302	467	1,350	5,365	8,208	5,638	6,336	1,276	260
Females 18 years of age or over.....	5	5	13	48	55	72	85	41	47	23	9	.....	.....	.....
Males under 18 years of age.....	1	1	3	3	5	1	2	1	1	3	1	.....	.....	.....
Females under 18 years of age.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Furnishing Goods, Men's.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Furniture and Refrigerators.....	28	1	3	6	31	105	49	385	656	801	525	514	27	17
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gas and Electric Fixtures and Lamps and Rectors.....	12	1	2	25	238	219	288	297	422	399	338	235	78	3
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hats and Caps, other than Felt, Straw and Wool.....	4	.....	5	9	5	13	11	11	10	14	15	11	8	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hosiery and Knit Goods.....	13	6	99	207	271	283	285	214	235	145	62	29	15	3
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ice, Manufactured.....	3	.....	57	64	6	1	3	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liquors, Malt.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Lumber and Planing Mill Products.....	31	1	.....	149	333	423	300	264	26	2	1,724
Males 18 years of age or over.....				149	333	423	300	264	26	2	1,692
Males under 18 years of age.....											32
Mattresses and Spring Beds.....	8	1	.....	27	57	121	65	83	5	6	332
Males 18 years of age or over.....				27	57	121	65	83	5	6	316
Females 18 years of age or over.....				22	46	108	61	36	5		66
Males under 18 years of age.....				5	9	13	4	3			1
Marble and Stone Works.....	14		.....	.....	.....	.....	.....	.....	.....	.....	178
Males 18 years of age or over.....				3	16	38	35	45	39		178
Females 18 years of age or over.....				2	10	23	26	32	29		178
Millinery and Lace Goods.....	6	38	34	37	13	129	93	70	12	7	1,046
Males 18 years of age or over.....				37	13	129	93	70	12	7	1,046
Females 18 years of age or over.....				14	62	83	42	38	11	5	206
Males under 18 years of age.....				23	62	83	42	38	11	5	764
Females under 18 years of age.....				6	2	.....	.....	.....	.....	.....	6
Mineral and Soda Waters.....	14	13	16	.....	.....	.....	.....	.....	.....	.....	80
Males 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	136
Females 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	120
Models and Patterns, not including Paper Patterns.....	12	2	.....	.....	.....	.....	.....	.....	.....	.....	13
Males 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	208
Females 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	106
Males under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	12
Females under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	138
Paint and Varnish.....	31	7	.....	.....	.....	.....	.....	.....	.....	.....	1,338
Males 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	1,158
Females 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	132
Males under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	31
Females under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	219
Paper and Wood Pulp.....	6	2	.....	.....	.....	.....	.....	.....	.....	.....	140
Males 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	26
Females 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	3
Males under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	2
Patent Medicines and Drug Compounds.....	7	8	.....	.....	.....	.....	.....	.....	.....	.....	120
Males 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	45
Females 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	65
Males under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	770
Females under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	766
Petroleum Refining.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Males 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	18
Females 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	16
Males under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	2
Photo-Engraving.....	6	1	.....	.....	.....	.....	.....	.....	.....	.....	13
Males 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	19
Females 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	20
Males under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	3
Females under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	4
Printing and Publishing.....	111	2	.....	.....	.....	.....	.....	.....	.....	.....	2,639
Males 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	2,533
Females 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	549
Males under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	202
Females under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	25
Rubber Products.....	4	1	.....	.....	.....	.....	.....	.....	.....	.....	1,309
Males 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	30
Females 18 years of age or over.....				.....	.....	.....	.....	.....	.....	.....	1
Males under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	40
Females under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	13
Females under 18 years of age.....				.....	.....	.....	.....	.....	.....	.....	16

TABLE I—Continued.
CUYAHOGA COUNTY—Continued

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.												Total.	
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.		\$35 and over.
MANUFACTURES—Continued.															
Ship Building, including Boat Building.....	5	.....	1	1	.....	3	.....	6	249	206	99	346	70	5	985
Males 18 years of age or over.....	.....	.....	1	1	.....	3	.....	6	249	206	99	346	70	5	985
Slaughtering and Meat Packing.....	18	1	.....	3	7	60	27	323	350	672	368	246	24	8	2,089
Males 18 years of age or over.....	.....	.....	.....	1	3	52	7	254	349	671	369	246	24	8	1,864
Males under 18 years of age.....	.....	1	.....	.....	.....	.....	19	68	.....	1	.....	.....	.....	.....	94
Females under 18 years of age.....	.....	.....	2	4	3	1	.....	.....	1	.....	.....	.....	.....	.....	10
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	320	1,035	132	105	5	12	1,612
Males 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	320	1,035	132	105	5	12	1,612
Males 13 years of age or over.....	10	.....	3	3	84	30	233	1,836	2,598	1,837	2,067	553	187	17	9,610
Females 18 years of age or over.....	.....	.....	2	2	11	30	218	1,920	2,563	1,837	2,067	553	187	17	9,462
Males 15 years of age or over.....	.....	.....	1	.....	11	30	12	14	3	.....	.....	.....	.....	.....	72
Males 13 years of age or over.....	.....	.....	.....	.....	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
Females under 18 years of age.....	20	1	1	2	24	15	97	148	474	821	743	628	94	10	3,056
Males 18 years of age or over.....	.....	1	1	2	13	6	97	136	471	819	740	628	94	10	2,983
Males 15 years of age or over.....	.....	.....	.....	1	4	9	27	8	3	2	3	.....	.....	.....	56
Males 13 years of age or over.....	.....	.....	.....	.....	7	1	.....	.....	.....	.....	.....	.....	.....	.....	17
Females 18 years of age or over.....	17	1	153	83	104	123	197	167	718	145	139	28	6	1	1,339
Males 15 years of age or over.....	.....	.....	.....	.....	1	4	2	29	59	134	28	6	1	.....	1,284
Males 13 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	189	86	5	.....	.....	.....	1,103
Females under 18 years of age.....	.....	.....	1	.....	104	127	193	165	.....	.....	.....	.....	.....	.....	2
Wirework, including Wire Rope and Cable.....	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	258
Males 18 years of age or over.....	.....	.....	4	22	16	19	16	16	49	58	67	5	2	.....	212
Males 15 years of age or over.....	.....	.....	.....	6	10	8	12	47	56	66	66	5	2	.....	212
Males 13 years of age or over.....	.....	.....	.....	10	6	.....	4	2	2	2	1	.....	.....	.....	33
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
Males under 18 years of age.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Males 18 years of age or over.....	.....	.....	17	36	387	263	157	274	168	74	66	13	10	10	2,071
Males 15 years of age or over.....	.....	.....	.....	.....	29	90	101	76	69	62	64	11	10	10	2,071
Males 13 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,986
Females 18 years of age or over.....	.....	16	35	35	302	433	163	108	99	13	2	2	.....	.....	20
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
Females under 18 years of age.....	.....	.....	1	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	42
SERVICE—															
Amusement Parks.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	571
Males 18 years of age or over.....	.....	7	15	21	15	23	56	93	129	99	90	23	12	12	571
Males 15 years of age or over.....	.....	6	7	7	4	4	24	78	124	94	59	32	13	13	464
Females 18 years of age or over.....	.....	1	8	11	11	23	23	15	6	5	1	.....	.....	.....	117

Garages.....	34	4	1	1	5	5	14	45	96	163	226	64	8	631
Males 18 years of age or over.....			1	1	5	5	13	45	96	163	226	64	8	632
Females 18 years of age or over.....					3	3	1		1					2
Males under 18 years of age.....		4												6
Hotels.....	34	4	73	189	293	282	282	336	234	169	188	56	19	2,167
Males 18 years of age or over.....			38	130	130	75	179	287	201	162	178	55	19	1,419
Females 18 years of age or over.....			33	60	163	217	103	49	33	17	9	1		1,722
Males under 18 years of age.....		25	2											15
Females under 18 years of age.....		12												1
Laundries and Dry Cleaners.....	41	5	31	333	356	266	161	175	278	244	157	42	6	2,055
Males 18 years of age or over.....			1	11	13	10	37	68	228	230	156	42	6	801
Females 18 years of age or over.....			27	318	342	263	124	107	60	14	1			1,240
Males under 18 years of age.....		3	1	2	1									9
Females under 18 years of age.....		1	1	2										5
Office Buildings.....	58	3	30	197	226	226	93	100	246	131	140	26	5	1,217
Males 18 years of age or over.....			1	30	4	50	26	92	238	128	138	28	8	728
Females 18 years of age or over.....			5	4	186	176	67	8	8	75	16	6	5	489
Males under 18 years of age.....		8	3	26	1	1		3	8	75	16	6	5	115
Females under 18 years of age.....		16			1	1								115
Professional.....	12													74
Males 18 years of age or over.....			24	94	117	73	77	96	109	67	37	19		400
Females 18 years of age or over.....				22	43	48	43	48	99	59	37			347
Males under 18 years of age.....		15	24	72	74	51	6	47	10	8				383
Females under 18 years of age.....		3	8	54	28	12	5	93	33	38	55	42	9	317
Males 18 years of age or over.....			4	53	12	5	4	2	32	37	54	41	9	63
Females 18 years of age or over.....			4	31	16	7	1		1	1	1	1		409
Males under 18 years of age.....		1												86
Theaters.....	15	10	14	32	38	9	17	20	67	31	64	56	10	1
Males 18 years of age or over.....			12	12	6	4	14	14	63	29	64	56	9	312
Females 18 years of age or over.....			2	20	33	5	3	6	4	2			1	86
Males under 18 years of age.....		2												2
TRADE—														
Retail and Wholesale Stores.....	415	53	258	629	541	406	463	1,140	1,929	1,309	1,007	272	119	8,478
Males 18 years of age or over.....		13	14	96	119	119	197	798	1,768	1,238	952	258	94	5,697
Females 18 years of age or over.....		12	64	366	402	273	264	338	1,153	68	55	14	26	2,167
Males under 18 years of age.....		8	76	101	21	14	4	4	5	4				321
Females under 18 years of age.....		20	104	70	23	2	1		6	1				298
Yards, Coal and Lumber.....	83	5	6	72	40	20	103	269	1,079	291	92	17	6	2,042
Males 18 years of age or over.....		2		6	3	12	96	289	1,079	291	92	17	6	1,877
Females 18 years of age or over.....		3		6	6	7	7							168
Males under 18 years of age.....				1	37	1								1
Females under 18 years of age.....				1										
TRANSPORTATION AND PUBLIC UTILITIES—														
Carriage (Drayage) and Storage, including Livery Stables.....	56			4	16	7	4	68	350	437	204	31	2	1,125
Males 18 years of age or over.....				3	15	7	4	67	350	437	204	31	2	1,120
Females 18 years of age or over.....				2				1						3
Males under 18 years of age.....				1	1									2
Females under 18 years of age.....				1				39	463	168	179	50	1	902
Electric Light and Power.....	4			8			3	39	463	168	179	50	1	882
Males 18 years of age or over.....				1			1	38	463	168	179	50	1	882
Males under 18 years of age.....				7			2							10

TABLE I—Continued.
OUYAHOGA COUNTY — Concluded

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.												
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
TRANSPORTATION AND PUBLIC UTILITIES—Concluded.														
Electric Railroads.....	4	.....	1	.....	.....	4	4	185	114	139	182	156	17	1
Males 18 years of age or over.....	.....	.....	1	.....	.....	4	3	177	113	139	182	156	17	1
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	1	8	.....	.....	.....	.....	.....	10
Telephone and Telegraph.....	7	7	10	97	328	409	183	367	411	619	260	400	64	7
Males 18 years of age or over.....	.....	4	2	14	24	8	2	32	94	494	216	387	64	7
Females 18 years of age or over.....	.....	3	8	83	268	382	179	324	317	125	34	13	.....	1,746
Males under 18 years of age.....	.....	.....	.....	.....	10	.....	1	.....	.....	.....	.....	.....	.....	12
Females under 18 years of age.....	.....	.....	.....	1	24	9	1	.....	.....	.....	.....	.....	.....	5
Transportation by Water, including Stevedoring.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	12	1	2	.....	3	1	1	31	17	364	232	379	148	27
Females 18 years of age or over.....	.....	1	1	.....	3	1	1	11	16	337	231	379	148	27
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	1	27	1	.....	.....	30
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
FRANKLIN COUNTY														
ALL INDUSTRIES														
Males 18 years of age or over.....	1,123	277	526	934	1,788	1,402	1,691	2,195	5,468	8,933	5,895	6,350	1,797	37,557
Females 18 years of age or over.....	.....	86	67	239	430	481	882	1,656	4,898	8,613	5,749	6,298	1,797	31,666
Males under 18 years of age.....	.....	26	376	657	1,263	843	690	626	862	315	136	52	10	6,427
Females under 18 years of age.....	.....	64	68	85	39	77	48	13	8	4	.....	.....	.....	448
Males under 18 years of age.....	.....	41	15	23	9	1	1	.....	.....	1	.....	.....	.....	91
AGRICULTURE—														
Florists, Fruit Growers, Nurserymen and Seedsmen.....	8	.....	.....	8	12	7	2	28	44	31	13	9	1	189
Males 18 years of age or over.....	.....	.....	.....	.....	10	6	1	28	44	31	13	9	1	143
Females 18 years of age or over.....	.....	.....	.....	8	2	1	1	.....	.....	.....	.....	.....	.....	12
Males under 18 years of age.....	.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
Females under 18 years of age.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
CONSTRUCTION—														
Brick, Stone and Cement Work.....	17	.....	.....	.....	.....	.....	2	6	32	90	88	24	111	1
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	2	6	32	90	88	24	111	1

General Contracting	82	2	.....	4	1	331	114	239	532	155	508	281	50	2,247
Males 18 years of age or over .....	.....	.....	.....	4	1	331	114	239	532	155	508	281	50	2,242
Males under 18 years of age	8	2	.....	1	1	.....	.....	17	10	51	8	112	7	209
Plastering .....	.....	.....	.....	1	1	.....	.....	17	10	51	8	112	7	208
Males 18 years of age or over .....	.....	.....	.....	16	8	4	24	32	103	6	17	143	2	356
Males under 18 years of age	11	.....	.....	1	.....	4	.....	.....	.....	.....	.....	.....	.....	356
Plumbing and Steam Fitting .....	.....	.....	.....	16	8	4	24	32	108	6	17	143	2	356
Males 18 years of age or over .....	.....	.....	.....	3	2	1	6	34	101	39	63	3	1	363
Males under 18 years of age	15	.....	.....	3	2	1	6	34	101	39	63	3	1	363
Sheet Metal Work and Roofing .....	.....	.....	.....	3	2	1	6	34	101	39	63	3	1	363
Males 18 years of age or over .....	.....	.....	.....	7	11	15	15	434	590	109	98	62	17	1,673
Males under 18 years of age	22	4	.....	7	11	15	15	434	590	109	98	62	17	1,673
Street, Road and Sewer Contracting .....	.....	.....	.....	7	11	15	15	434	590	109	98	62	17	1,673
Males 18 years of age or over .....	.....	.....	.....	7	11	15	15	434	590	109	98	62	17	1,673
Males under 18 years of age .....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	10
MANUFACTURES—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Automobiles, Including Bodies and Parts	10	3	.....	52	41	34	58	88	155	257	144	28	.....	851
Males 18 years of age or over .....	.....	.....	.....	4	9	16	34	62	145	255	144	28	.....	709
Males under 18 years of age .....	.....	.....	.....	4	32	18	82	26	10	2	.....	.....	.....	152
Boils, Nuts, Washers and Rivets not made in Steel Works or Rolling Mills .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over	3	.....	.....	68	69	81	50	76	91	52	77	10	3	542
Males under 18 years of age .....	.....	.....	.....	25	39	23	47	72	86	52	77	10	3	452
Females 18 years of age or over .....	.....	.....	.....	36	18	8	8	4	5	.....	.....	.....	.....	74
Females under 18 years of age .....	.....	.....	.....	6	2	.....	.....	.....	.....	.....	.....	.....	.....	16
Boots and Shoes, Including Cut Stock and Findings	10	2	.....	143	132	130	161	238	340	228	211	28	.....	1,738
Males 18 years of age or over .....	.....	.....	.....	16	37	32	34	93	213	163	196	28	.....	814
Males under 18 years of age .....	.....	.....	.....	115	82	91	120	151	124	65	15	.....	.....	855
Females under 18 years of age .....	.....	.....	.....	10	13	7	7	4	3	.....	.....	.....	.....	53
Females under 18 years of age .....	.....	.....	.....	9	9	.....	.....	.....	.....	.....	.....	.....	.....	16
Boxes, Fancy and Paper	3	.....	.....	12	16	9	6	13	13	6	4	1	.....	112
Males 18 years of age or over .....	.....	.....	.....	9	3	7	2	11	12	6	4	1	.....	43
Females 18 years of age or over .....	.....	.....	.....	9	13	7	2	2	1	.....	.....	.....	.....	61
Males under 18 years of age .....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Females under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Brass and Bronze Products	3	4	.....	3	2	.....	10	10	19	21	34	2	1	102
Males 18 years of age or over .....	.....	.....	.....	3	2	.....	10	10	19	21	34	2	1	97
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Bread and other Bakery Products	23	2	.....	17	31	18	38	51	112	75	53	9	.....	462
Males 18 years of age or over .....	.....	.....	.....	2	9	6	30	41	108	74	53	9	.....	395
Females 18 years of age or over .....	.....	.....	.....	14	21	10	8	10	4	1	.....	.....	.....	120
Males under 18 years of age .....	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	5
Females under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Brick and Tile	9	4	.....	3	2	20	30	55	73	17	17	3	3	259
Males 18 years of age or over .....	.....	.....	.....	3	2	20	30	55	73	17	17	3	3	253
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
Butter, Cheese and Condensed Milk	4	2	.....	8	10	6	4	13	24	34	24	2	.....	135
Males 18 years of age or over .....	.....	.....	.....	8	10	6	4	13	24	34	24	2	.....	109
Females 18 years of age or over .....	.....	.....	.....	8	8	8	2	3	1	.....	.....	.....	.....	25
Males under 18 years of age .....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1

TABLE I—Continued.
FRANKLIN COUNTY — Continued

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.																	Total.
		Under \$1.	\$1 but under \$2.	\$2 but under \$3.	\$3 but under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.		
MANUFACTURES—Continued.																			
Carrriages, Wagons and Materials.	9				17			9	4	24	38	55	135	59	63	14	3	421	
Males 18 years of age or over.					11			4	1	18	31	54	135	59	63	14	3	382	
Females 18 years of age or over.					1			1	3	3	7	1						29	
Males under 18 years of age.					1													9	
Females under 18 years of age.																			
Confectionery and Ice Cream.	9	1	31		12			8	11	11	8	8	44	21	13	2		170	
Males 18 years of age or over.		1	31		12			8	11	11	8	8	44	21	13	2		99	
Females 18 years of age or over.					3			1		6	2	4	1	1				69	
Males under 18 years of age.																		1	
Females under 18 years of age.																		1	
Copper, Tin and Sheet Iron Products.	6	13	17		1			3	13	11	16	45	41	37	16			212	
Males 18 years of age or over.		13	17		1			3	13	11	16	45	41	37	16			168	
Females 18 years of age or over.																		3	
Males under 18 years of age.																		21	
Females under 18 years of age.																		3	
Custom Tailoring, Men's and Women's.	20	2	2		2			4	4	10	15	15	9	24	36	8		132	
Males 18 years of age or over.		2	2		2			4	4	10	15	15	9	24	36	8		84	
Females 18 years of age or over.								1	1	9	15	10	4	2				48	
Males under 18 years of age.								2	3	1	163	95	110	21	9			403	
Females under 18 years of age.											155	95	109	50	9			403	
Fertilizers.	3				2								1					1	
Males 18 years of age or over.																		6	
Females 18 years of age or over.																		1	
Males under 18 years of age.								3		1	1	11	59	24	14	4		118	
Females under 18 years of age.																		1	
Flour Mill and Grist Mill Products.	10				1			1	1	1	3	11	59	24	14	4		117	
Males 18 years of age or over.					1													1	
Females 18 years of age or over.																		1	
Males under 18 years of age.								6	14	7	17	77	110	57	91	43	27	487	
Females under 18 years of age.												7	110	57	91	43	27	461	
Foundries.	5	8	20		10			6	14	7	15	7	110	57	91	43		4	
Males 18 years of age or over.		8	20		10			6	14	7	15	7	110	57	91	43		4	
Females 18 years of age or over.					3													1	
Males under 18 years of age.																		1	
Females under 18 years of age.																		1	
Foundry and Machine Shop Products.	41	1	5		15			27	18	57	235	1,185	1,159	1,157	984	104	21	4,965	
Males 18 years of age or over.		1	5		15			27	18	57	235	1,185	1,159	1,157	984	104	21	4,965	
Females 18 years of age or over.					2			13	10	56	218	1,183	1,159	1,157	984	104	21	4,969	
Males under 18 years of age.											17							17	
Females under 18 years of age.																		39	
Furniture and Refrigerators.	9	1	3		10			14	8	1		2						122	
Males 18 years of age or over.		1	3		10			14	8	1		2						122	
Females 18 years of age or over.					2			1	1	1		9	24	42	38	2		122	

Gas and Electric Fixtures and Lamps and Reflectors	6	.....	.....	7	10	2	18	65	182	123	58	82	49	1	586
Males 18 years of age or over.....		.....	.....	7	6	1	17	2	177	123	58	82	49	1	576
Females 18 years of age or over.....		.....	.....	7	6	1	17	2	177	123	58	82	49	1	20
Glass	3	.....	.....	7	105	126	175	63	96	139	108	84	97	63	1,066
Males 18 years of age or over.....		.....	.....	7	1	93	125	58	96	139	108	84	97	63	884
Females 18 years of age or over.....		.....	.....	7	99	8	20	8							142
Males under 18 years of age.....		.....	.....	7	25	30	30								56
Females under 18 years of age.....		.....	.....	7	5										6
Ice, Manufactured	6	.....	.....	.....	5	1	1	.....	3	66	89	47	25	.....	231
Males 18 years of age or over.....		.....	.....	.....	1	1	1	.....	3	66	89	47	25	.....	230
Females 18 years of age or over.....		.....	.....	.....	1	1	1	.....	3	66	89	47	25	.....	230
Lumber, Malt	6	.....	.....	2	5	5	1	9	17	74	169	289	12	3	902
Males 18 years of age or over.....		.....	.....	2	5	5	1	9	17	74	169	289	12	3	8
Females 18 years of age or over.....		.....	.....	2	5	5	1	9	17	74	169	289	12	3	372
Males under 18 years of age.....	18	.....	.....	1	5	2	4	16	56	129	88	59	4	4	370
Males 18 years of age or over.....		.....	.....	1	2	6	4	16	56	129	88	59	4	4	370
Females 18 years of age or over.....		.....	.....	1	1	6	4	16	56	129	88	59	4	4	370
Males under 18 years of age.....		.....	.....	1	1	6	4	16	56	129	88	59	4	4	370
Females under 18 years of age.....		.....	.....	1	1	6	4	16	56	129	88	59	4	4	370
Males 18 years of age or over.....	5	.....	.....	10	37	11	11	36	25	26	5	8	2	5	185
Females 18 years of age or over.....		.....	.....	10	37	11	11	36	25	26	5	8	2	5	185
Males under 18 years of age.....		.....	.....	10	37	11	11	36	25	26	5	8	2	5	185
Females under 18 years of age.....		.....	.....	10	37	11	11	36	25	26	5	8	2	5	185
Males 18 years of age or over.....	45	.....	.....	47	102	100	67	45	63	92	112	317	151	12	1,161
Females 18 years of age or over.....		.....	.....	47	102	100	67	45	63	92	112	317	151	12	1,161
Males under 18 years of age.....		.....	.....	47	102	100	67	45	63	92	112	317	151	12	1,161
Females under 18 years of age.....		.....	.....	47	102	100	67	45	63	92	112	317	151	12	1,161
Males 18 years of age or over.....	4	.....	.....	7	11	13	28	31	36	21	30	26	11	1	193
Females 18 years of age or over.....		.....	.....	7	11	13	28	31	36	21	30	26	11	1	193
Males under 18 years of age.....		.....	.....	7	11	13	28	31	36	21	30	26	11	1	193
Females under 18 years of age.....		.....	.....	7	11	13	28	31	36	21	30	26	11	1	193
Males 18 years of age or over.....	4	.....	.....	3	2	2	5	20	44	102	41	24	20	11	236
Females 18 years of age or over.....		.....	.....	3	2	2	5	20	44	102	41	24	20	11	236
Males under 18 years of age.....		.....	.....	3	2	2	5	20	44	102	41	24	20	11	236
Females under 18 years of age.....		.....	.....	3	2	2	5	20	44	102	41	24	20	11	236
Males 18 years of age or over.....	7	.....	.....	1	5	4	10	20	44	62	73	94	32	1	254
Females 18 years of age or over.....		.....	.....	1	5	4	10	20	44	62	73	94	32	1	254
Males under 18 years of age.....		.....	.....	1	5	4	10	20	44	62	73	94	32	1	254
Females under 18 years of age.....		.....	.....	1	5	4	10	20	44	62	73	94	32	1	254
Males 18 years of age or over.....	4	.....	.....	34	40	30	18	16	13	4	2	2	2	1	197
Females 18 years of age or over.....		.....	.....	34	40	30	18	16	13	4	2	2	2	1	197
Males under 18 years of age.....		.....	.....	34	40	30	18	16	13	4	2	2	2	1	197
Females under 18 years of age.....		.....	.....	34	40	30	18	16	13	4	2	2	2	1	197
Garages	14	.....	.....	1	1	4	4	3	7	31	30	49	11	1	142
Males 18 years of age or over.....		.....	.....	1	1	4	4	3	7	31	30	49	11	1	142
Females 18 years of age or over.....		.....	.....	1	1	4	4	3	7	31	30	49	11	1	142
Males under 18 years of age.....		.....	.....	1	1	4	4	3	7	31	30	49	11	1	142
Females under 18 years of age.....		.....	.....	1	1	4	4	3	7	31	30	49	11	1	142
Hotels	18	.....	.....	130	160	74	53	59	33	27	48	36	14	2	740
Males 18 years of age or over.....		.....	.....	130	160	74	53	59	33	27	48	36	14	2	740
Females 18 years of age or over.....		.....	.....	130	160	74	53	59	33	27	48	36	14	2	740
Males under 18 years of age.....		.....	.....	130	160	74	53	59	33	27	48	36	14	2	740
Females under 18 years of age.....		.....	.....	130	160	74	53	59	33	27	48	36	14	2	740
Laundries and Dry Cleaners	21	.....	.....	51	210	139	79	33	64	60	59	25	12	1	748
Males 18 years of age or over.....		.....	.....	51	210	139	79	33	64	60	59	25	12	1	748
Females 18 years of age or over.....		.....	.....	51	210	139	79	33	64	60	59	25	12	1	748
Males under 18 years of age.....		.....	.....	51	210	139	79	33	64	60	59	25	12	1	748
Females under 18 years of age.....		.....	.....	51	210	139	79	33	64	60	59	25	12	1	748

SERVICE—

TABLE I—Continued.
FRANKLIN COUNTY — Continued

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.													Total
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.		
		\$35 and over.													
MANUFACTURES—Concluded.															
Carriages, Wagons and Materials.....	9	.....	.....	17	9	4	24	39	55	135	59	63	14	3	421
Males 18 years of age or over.....	.....	.....	.....	.....	4	1	18	31	54	135	59	63	14	3	382
Females 18 years of age or over.....	.....	.....	11	.....	4	3	3	7	1	.....	.....	.....	.....	.....	29
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
Confectionery and Ice Cream.....	9	1	31	12	8	11	11	8	8	44	21	13	3	.....	170
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	99
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
Males under 18 years of age.....	.....	.....	31	.....	1	.....	6	7	4	1	1	.....	.....	.....	1
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Copper, Tin and Sheet Iron Products.....	6	13	17	.....	.....	13	11	16	45	41	37	16	.....	.....	212
Males 18 years of age or over.....	.....	.....	6	.....	8	11	11	16	44	41	37	16	.....	.....	158
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Custom Tailoring, Men's and Women's.....	30	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	132
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	84
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	409
Fertilizers.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	403
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	117
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Flour Mill and Grist Mill Products.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	487
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	461
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Foundry and Machine Shop Products.....	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,965
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,909
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122
Furniture and Refrigerators.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122

TABLE I—Continued.
FRANKLIN COUNTY — Concluded

Industry, Sex and Age.	Number of establishments reported.	Number of wage earners at each classified rate of wages per week.													Total.
		Under \$1.	\$1 but under \$5.	\$5 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.		
SERVICE—Concluded.															
Office Buildings.....	12	1	.....	.....	.....	.....	23	58	12	16	8	.....	.....	.....	126
Males 18 years of age or over.....	.....	1	.....	.....	.....	.....	23	58	12	16	8	.....	.....	.....	126
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Restaurants.....	13	.....	6	17	.....	.....	50	36	39	38	15	1	.....	.....	338
Males 18 years of age or over.....	.....	.....	6	17	.....	.....	50	36	39	38	15	1	.....	.....	338
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	161
Saloons.....	11	4	1	32	.....	.....	22	10	23	14	11	.....	.....	.....	177
Males 18 years of age or over.....	.....	4	1	32	.....	.....	22	10	23	14	11	.....	.....	.....	177
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	108
Theaters.....	4	12	1	2	.....	.....	2	6	7	14	14	.....	.....	.....	97
Males 18 years of age or over.....	.....	12	1	2	.....	.....	2	6	7	14	14	.....	.....	.....	97
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	119
TRADE—															
Offices.....	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Retail Delivery, Milk, Ice and Water.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	208
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	208
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Retail and Wholesale Stores.....	27	57	53	135	117	161	191	359	735	493	259	56	17	.....	2,721
Males 18 years of age or over.....	.....	57	53	135	117	161	191	359	735	493	259	56	17	.....	2,721
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,005
Yards, Coal and Lumber.....	36	27	9	11	5	10	9	85	206	37	21	1	.....	.....	504
Males 18 years of age or over.....	.....	27	9	11	5	10	9	85	206	37	21	1	.....	.....	504
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	408
TRANSPORTATION AND PUBLIC UTILITIES—															
Cartage (Drayage) and Storage, including Livery Stables.....	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	403
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	403
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,678
Electric Railroads.....	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,654
Males 18 years of age or over.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,654
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24

Telegraph and Telephone.....	4	13	77	84	161	68	93	67	119	499	210	378	21	3	1,798
Males 18 years of age or over.....	.....	.....	.....	6	18	7	70	34	92	493	208	318	21	3	1,284
Females 18 years of age or over.....	.....	18	62	74	143	61	73	38	27	6	2	.....	.....	.....	499
Males under 18 years of age.....	.....	.....	11	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15

HAMILTON COUNTY

ALL INDUSTRIES	3,125	1,345	2,276	5,660	6,587	6,388	5,873	7,838	16,300	24,880	15,866	15,273	4,031	709	112,694
Males 18 years of age or over.....	.....	294	385	1,051	1,735	2,190	2,465	4,864	13,879	23,412	15,464	15,102	3,994	700	85,576
Females 18 years of age or over.....	.....	612	71,190	3,937	4,264	3,846	3,318	2,619	2,294	1,442	1,400	170	.....	9	23,897
Males under 18 years of age.....	.....	189	428	664	461	288	136	46	20	4	2	1	.....	.....	2,132
Females under 18 years of age.....	.....	267	272	238	127	65	24	7	7	2	.....	.....	.....	.....	1,000
AGRICULTURE—															
Florists, Fruit Growers, Nurserymen and Seedsmen.....	7	1	2	4	15	5	1	29	29	14	6	.....	.....	.....	106
Males 18 years of age or over.....	.....	1	.....	1	4	4	1	29	29	14	6	.....	.....	.....	89
Females 18 years of age or over.....	.....	.....	.....	.....	10	1	.....	.....	.....	.....	.....	.....	.....	11	11
Males under 18 years of age.....	.....	.....	2	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
CONSTRUCTION—															
Brick, Stone and Cement Work.....	56	3	.....	2	6	5	8	19	108	343	107	216	289	6	1,106
Males 18 years of age or over.....	.....	3	.....	2	4	5	8	19	102	342	106	216	289	6	1,102
Males under 18 years of age.....	.....	.....	.....	.....	2	.....	.....	.....	1	.....	1	.....	.....	.....	4
Electrical Contracting.....	17	1	1	1	2	2	3	4	9	24	27	83	10	.....	180
Males 18 years of age or over.....	.....	.....	1	1	4	2	3	4	9	24	27	83	10	.....	178
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
General Contracting.....	116	10	8	8	18	16	49	60	673	1,280	247	799	505	29	3,702
Males 18 years of age or over.....	.....	9	7	6	13	16	49	60	673	1,280	246	799	505	29	3,692
Males under 18 years of age.....	.....	1	1	2	5	.....	.....	.....	.....	25	30	616	28	3	19
Painting and Decorating.....	54	.....	1	6	2	4	3	5	9	25	30	616	28	3	723
Males 18 years of age or over.....	.....	.....	1	6	2	2	3	5	9	25	30	616	28	3	720
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	15	25	50	1	103
Plastering.....	13	.....	.....	1	.....	.....	1	1	.....	10	13	25	50	1	101
Males 18 years of age or over.....	.....	.....	.....	1	.....	1	1	.....	.....	10	13	25	50	1	101
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Plumbing and Steam Fitting.....	44	1	15	20	15	9	11	13	56	105	46	54	155	3	504
Males 18 years of age or over.....	.....	1	14	19	15	9	11	13	56	105	46	54	155	3	501
Males under 18 years of age.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Sheet Metal Work and Roofing.....	38	1	1	4	8	10	1	13	29	113	57	138	3	.....	379
Males 18 years of age or over.....	.....	.....	1	4	7	10	1	13	29	113	57	138	3	.....	377
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Street, Road and Sewer Contracting.....	38	3	.....	1	1	1	.....	6	314	440	46	34	13	.....	893
Males 18 years of age or over.....	.....	3	.....	1	6	1	.....	6	314	440	46	34	13	.....	891
Males under 18 years of age.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Ventilating and Heating.....	5	.....	.....	2	2	3	.....	7	11	57	9	22	41	.....	150
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9

TABLE I—Continued.
HAMILTON COUNTY — Continued

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
MANUFACTURES—															
Automobiles, including Bodies and Parts	11	2	3	9	5	16	39	9	106	135	392	99	18	2	836
Males 18 years of age or over.....	.....	1	1	5	4	15	33	8	104	132	389	99	18	2	811
Females 18 years of age or over.....	.....	1	.....	4	1	1	6	1	2	3	3	.....	.....	.....	21
Males under 18 years of age.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Bags, Paper	3	.....	11	48	27	31	11	7	30	26	12	14	5	3	224
Males 18 years of age or over.....	.....	.....	.....	2	3	2	.....	5	24	25	11	14	5	2	96
Females 18 years of age or over.....	.....	.....	11	43	24	29	9	2	6	1	1	.....	.....	.....	128
Males under 18 years of age.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Baking Powder and Yeast	3	.....	.....	9	51	14	6	10	31	99	26	22	13	.....	281
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	6	21	97	26	22	13	.....	185
Females 18 years of age or over.....	.....	.....	.....	8	50	14	6	4	10	2	.....	.....	.....	.....	94
Males under 18 years of age.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Boots and Shoes, including Cut Stock and Findings	32	252	392	617	713	582	670	716	941	1,037	846	1,011	189	21	7,907
Males 18 years of age or over.....	.....	56	62	145	173	207	221	293	504	734	779	981	188	21	4,354
Females 18 years of age or over.....	.....	136	149	344	434	337	418	413	431	302	67	30	1	.....	3,062
Males under 18 years of age.....	.....	21	50	77	73	33	23	7	4	1	.....	.....	.....	.....	299
Females under 18 years of age.....	.....	39	51	51	32	16	8	3	2	.....	.....	.....	.....	.....	242
Boxes, Cigar	5	7	5	30	19	18	13	11	12	20	10	2	.....	.....	147
Males 18 years of age or over.....	.....	.....	1	4	3	6	4	8	10	20	10	2	.....	.....	68
Females 18 years of age or over.....	.....	8	4	23	16	12	9	3	2	.....	.....	.....	.....	.....	73
Males under 18 years of age.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boxes, Fancy and Paper	17	41	60	133	120	88	80	48	80	51	28	18	4	2	754
Males 18 years of age or over.....	.....	.....	.....	7	13	7	23	23	51	40	24	18	4	2	209
Females 18 years of age or over.....	.....	10	38	115	102	79	59	25	29	11	2	.....	.....	.....	479
Males under 18 years of age.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
Females under 18 years of age.....	.....	.....	.....	7	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....
Brass and Bronze Products	6	34	20	9	1	2	7	13	19	50	30	39	1	.....	177
Males 18 years of age or over.....	.....	.....	.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	177
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Bread and other Bakery Products	67	13	41	160	76	154	50	117	193	285	275	119	17	6	1,571
Males 18 years of age or over.....	.....	9	3	17	12	101	20	88	191	289	272	119	17	6	1,348
Females 18 years of age or over.....	.....	2	38	140	57	48	28	27	7	6	.....	.....	.....	.....	16
Males under 18 years of age.....	.....	.....	.....	3	3	5	2	2	.....	.....	.....	.....	.....	.....	3
Females under 18 years of age.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Brick and Tile.....	8	1	1	7	6	42	20	129	18	5	.....	239
Males 18 years of age or over.....	.....	1	.....	1	6	42	20	139	18	5	.....	232
Males under 18 years of age.....	.....	1	.....	6	.....	.....	.....	.....	.....	.....	.....	7
Butter, Cheese and Condensed Milk.....	7	.....	14	8	8	.....	7	40	30	7	1	118
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	86
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
Males under 18 years of age.....	.....	13	1	4	6	.....	.....	.....	.....	.....	.....	7
Females under 18 years of age.....	.....	1	.....	3	2	.....	.....	.....	.....	.....	.....	1
Canning and Preserving Fruits and Vegetables.....	5	.....	49	26	6	12	6	20	5	3	.....	152
Males 18 years of age or over.....	.....	.....	49	5	4	5	6	20	4	3	.....	46
Females 18 years of age or over.....	.....	2	.....	27	23	7	1	.....	.....	.....	.....	106
Carrriages, Wagons and Materials.....	48	9	10	31	43	81	212	394	237	253	18	1,349
Males 18 years of age or over.....	.....	6	5	11	17	76	207	394	237	253	18	9
Females 18 years of age or over.....	.....	1	1	20	31	5	4	.....	.....	.....	.....	1,268
Males under 18 years of age.....	.....	1	.....	23	20	6	1	.....	.....	.....	.....	63
Females under 18 years of age.....	.....	1	.....	3	5	1	.....	.....	.....	.....	.....	15
Chemicals, Acids and Wood Distillation.....	16	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Males 18 years of age or over.....	.....	1	.....	1	1	2	18	110	69	46	21	270
Clothing, Men's, Including Shirts.....	34	71	471	695	753	595	835	885	512	472	73	270
Males 18 years of age or over.....	.....	13	13	61	56	83	190	440	378	441	21	6,208
Females 18 years of age or over.....	.....	42	406	519	683	513	646	445	134	21	3	1,834
Males under 18 years of age.....	.....	1	11	5	1	.....	.....	.....	.....	.....	.....	4,209
Females under 18 years of age.....	.....	1	44	10	13	.....	.....	.....	.....	.....	.....	23
Clothing, Women's.....	26	23	76	125	133	105	120	93	97	125	63	142
Males 18 years of age or over.....	.....	23	43	76	118	10	19	39	64	112	60	1,123
Females 18 years of age or over.....	.....	1	42	14	113	5	101	54	33	13	3	1,384
Males under 18 years of age.....	.....	20	67	110	.....	.....	.....	.....	.....	.....	.....	798
Females under 18 years of age.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
Coffee, Spices and Peanuts, Roasting and Grinding.....	9	2	35	28	16	23	16	22	14	7	.....	172
Males 18 years of age or over.....	.....	2	2	1	2	2	13	22	14	7	.....	84
Females 18 years of age or over.....	.....	5	33	27	14	2	3	.....	.....	.....	.....	88
Confectionery and Ice Cream.....	25	76	278	442	183	119	73	180	61	43	9	1,257
Males 18 years of age or over.....	.....	63	282	36	77	58	54	107	59	42	9	1
Females 18 years of age or over.....	.....	8	.....	97	115	44	21	53	3	1	.....	611
Males under 18 years of age.....	.....	2	2	7	.....	.....	.....	.....	.....	.....	.....	725
Females under 18 years of age.....	.....	1	15	21	6	63	129	85	59	69	10	17
Cooperage and Related Wooden Goods.....	12	1	10	12	15	63	129	85	59	69	10	500
Males 18 years of age or over.....	.....	1	10	12	15	63	129	85	59	69	10	470
Females 18 years of age or over.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
Males under 18 years of age.....	.....	10	78	100	81	183	256	303	183	189	42	14
Copper, Tin and Sheet Iron Products.....	32	10	12	31	46	142	370	237	183	189	42	1,716
Males 18 years of age or over.....	.....	6	68	72	45	50	26	16	.....	.....	.....	1,381
Females 18 years of age or over.....	.....	5	6	16	5	.....	.....	.....	.....	.....	.....	303
Males under 18 years of age.....	.....	1	52	37	21	6	11	15	8	8	1	32
Cotton Goods, Including Cotton Small Wares.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	187
Males 18 years of age or over.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	89
Females 18 years of age or over.....	.....	1	51	36	21	5	1	14	8	8	1	116
Males under 18 years of age.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1

TABLE I—Continued.
HAMILTON COUNTY — Continued

Industry, Sex and Age.	Number of estab-lish-ments report-ing.	Number of wage earners at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
MANUFACTURES—Continued.															
Custom Tailoring, Men's and Women's.	53	37	29	46	68	81	95	70	98	101	80	24	9	6	745
Males 18 years of age or over.	209
Females 18 years of age or over.	479
Males under 18 years of age.	5
Females under 18 years of age.	50
Electrical Machinery, Apparatus and Supplies	19	1	11	83	36	77	68	104	275	410	342	318	88	7	1,814
Males 18 years of age or over.	1,594
Females 18 years of age or over.	159
Males under 18 years of age.	61
Females under 18 years of age.	37
Fancy Articles	4	1	8	18	14	9	10	8	11	19	10	1	6	.....	37
Males 18 years of age or over.	37
Females 18 years of age or over.	31
Males under 18 years of age.	676
Females under 18 years of age.	676
Fertilizers	5	1	.....	1	.....	1	3	8	126	483	22	23	3	.....	676
Males 18 years of age or over.	1
Males under 18 years of age.	164
Females 18 years of age or over.	67
Females under 18 years of age.	92
Flax, Banners and Regalia.	4	4	6	27	23	18	11	10	14	13	20	14	4	.....	1
Males 18 years of age or over.	4
Males under 18 years of age.	4
Females 18 years of age or over.	1
Females under 18 years of age.	1
Flour Mill and Grist Mill Products.	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Males 18 years of age or over.	141
Males under 18 years of age.	140
Females 18 years of age or over.	1
Females under 18 years of age.	447
Forgings	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Males 18 years of age or over.	24
Males under 18 years of age.	44
Females 18 years of age or over.	4
Females under 18 years of age.	4
Foundry and Machine Shop Products.	171	38	86	229	365	312	374	1,000	2,588	3,420	3,070	2,888	556	94	14,667
Males 18 years of age or over.	14,261
Males under 18 years of age.	46
Females 18 years of age or over.	363
Females under 18 years of age.	7
Furnishing Goods, Men's.	6	7	23	23	28	36	40	20	26	16	8	3	1	.....	229
Males 18 years of age or over.	1
Males under 18 years of age.	19
Females 18 years of age or over.	194
Females under 18 years of age.	16

Furniture and Refrigerators.....	40	1	5	107	105	111	158	270	489	966	290	120	19	3	2,542
Males 18 years of age or over.....			3		40	77	124	261	488	862	290	120	19	2	2,301
Females 18 years of age or over.....					53	33	81	1		3					210
Males under 18 years of age.....		1	2	82	12	1			1						30
Females under 18 years of age.....				11						1					1
Gas and Electric Fixtures and Lamps															
and Reflectors.....	3														428
Males 18 years of age or over.....				29	11	11	44	82	95	58	49	38	6	3	410
Females 18 years of age or over.....				23	10	7	43	82	92	57	49	38	6	3	410
Males under 18 years of age.....				5											7
Females under 18 years of age.....				2	1	2	1		2						6
Glass, Cutting, Staining and Ornamenting.....	8	6	17	19	17	10	10	25	18	28	24	31	1		208
Males 18 years of age or over.....			11	15	6	6	7	22	18	28	24	31	1		146
Females 18 years of age or over.....			5	2	11	4	1	3							45
Males under 18 years of age.....							2								9
Females under 18 years of age.....		6													6
Grease and Tallow.....	4						4	1	4	161	45	21	21		257
Males 18 years of age or over.....							4			161	45	21	21		257
Females 18 years of age or over.....															263
Males under 18 years of age.....															5
Females under 18 years of age.....															100
Half Work.....	5	1	1	2	5	16	5	10	16	27	11	3	3		68
Males 18 years of age or over.....					2	6	2	4	15	24	10	2	3		29
Females 18 years of age or over.....					3	10	3	6	1	3	1	1			3
Males under 18 years of age.....		1	1	1											
Females under 18 years of age.....															
Hats and Caps, other than Felt, Straw and Wool.....	8	9	17	4	18	29	31	30	27	53	8	9	2	1	238
Males 18 years of age or over.....		5	13	1	3	8	1	1	2	25	8	9	2	1	69
Females 18 years of age or over.....		2	14	3	15	21	27	29							165
Males under 18 years of age.....															2
Females under 18 years of age.....		2			1	1									2
Ice, Manufactured.....	20		1												30
Males 18 years of age or over.....															238
Females 18 years of age or over.....															1
Males under 18 years of age.....															2
Females under 18 years of age.....															2
Ink, Printing.....	6	1	1		1	7	5	7	32	69	108	38	13	8	267
Males 18 years of age or over.....					1	7	5		29	69	108	38	13	8	263
Females 18 years of age or over.....									3						1
Males under 18 years of age.....															2
Females under 18 years of age.....															1
Jewelry.....	14	16	1	13	9	12	6	12	16	23	38	65	22	10	267
Males 18 years of age or over.....		4	9	2	5	6	4	6	6	24	38	65	22	10	104
Females 18 years of age or over.....				6	1	6	2	5	7	4	1				52
Males under 18 years of age.....		15	2	6	1	1		1							24
Females under 18 years of age.....		1	2	2	2	7									7
Leather, Tanned, Curried and Finished.....	12	1	2	2	3	7	11	17	256	288	109	39	17	5	736
Males 18 years of age or over.....					2	7	11	17	256	288	109	39	17	5	736
Females 18 years of age or over.....					2	2									1
Males under 18 years of age.....					9	3									5
Females under 18 years of age.....					9	2									1
Liquors, Distilled.....	3														187
Males 18 years of age or over.....															176
Females 18 years of age or over.....															13
Males under 18 years of age.....															1
Females under 18 years of age.....															1
Liquors, Malt.....	18	4	1	12	9	7	20	13	30	99	418	913	52	30	1,906
Males 18 years of age or over.....		2	7	5	7	2	18	13	46	99	418	913	52	30	1,498
Females 18 years of age or over.....		2			4				1						8
Males under 18 years of age.....		1			3	6	2		1						13
Females under 18 years of age.....															

TABLE I—Continued.
HAMILTON COUNTY — Continued

Industry, Sex and Age.		Number of wage earners at each classified rate of wages per week.														Total.
Number of establishments.	Under \$1.	\$1. but under \$5.	\$5. but under \$6.	\$6. but under \$7.	\$7. but under \$8.	\$8. but under \$9.	\$9. but under \$10.	\$10. but under \$12.	\$12. but under \$15.	\$15. but under \$18.	\$18. but under \$25.	\$25. but under \$35.	\$35. and over.			
MANUFACTURES—Continued.																
Looking Glass and Picture Frames.	3															
Males 18 years of age or over.			6	14	13	13	9	12	20	72	15	8		169		
Females 18 years of age or over.			5	13	10	8	3	13	20	72	15	8		164		
Lumber and Planing Mill Products.	46															
Males 18 years of age or over.		6	23	57	69	89	212	660	647	357	270	23	3	2,427		
Females 18 years of age or over.			19	41	54	89	211	660	646	357	270	23	3	2,379		
Marble and Stone Works.	11															
Males 18 years of age or over.		6	9	16	15	3	1	49	42	29	35	16		184		
Females 18 years of age or over.		1	1	2	1	3	3	49	42	29	35	16		182		
Mattresses and Spring Beds.	10															
Males 18 years of age or over.		7	16	33	106	14	83	143	92	38	19	7		567		
Females 18 years of age or over.		7	12	27	94	7	69	122	88	38	18	7		372		
Millinery and Lace Goods.	9															
Males 18 years of age or over.		32	73	118	51	38	36	36	36	29	10	3		483		
Females 18 years of age or over.		3	3	4	4	3	2	4	9	12	6	2		49		
Mineral and Soda Waters.	11															
Males 18 years of age or over.		1	5	3	4	2	2	9	23	39	7	2	1	123		
Females 18 years of age or over.			5	3	2	2	2	9	28	39	7	2	1	117		
Models and Patterns, not including Paper Patterns.	10															
Males 18 years of age or over.		2	6	5	4	6	3	17	18	30	59	8	1	169		
Females 18 years of age or over.		2	4	5	4	6	3	17	18	30	59	8	1	165		
Paint and Varnish.	19															
Males 18 years of age or over.		1	8	8	1	2	4	86	291	76	37	11	5	522		
Females 18 years of age or over.		1			1	1	1	86	291	76	37	11	5	611		
Paper and Wood Pulp.	4															
Males 18 years of age or over.			19	19	15	1	19	189	199	62	54	12	2	552		
Females 18 years of age or over.			12	12	9	1	18	189	199	62	54	12	2	532		
Patent Medicines and Drug Compounds.	14															
Males 18 years of age or over.		25	62	37	32	19	16	19	22	12	8	3	1	246		
Females 18 years of age or over.			4	6	8	8	7	14	20	11	8	3	1	90		

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TABLE I—Continued.
HAMILTON COUNTY — Concluded

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.															Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 but under \$15.	\$15 but under \$16.	\$16 but under \$17.	\$17 and over.	
MANUFACTURES—Continued.																	
Surgical Appliances and Artificial Limbs	3	9	9	10	10	13	9	9	6	9	6	10	3	3	1	101	
Males 18 years of age or over		2	2	2	2	2	3	3	5	5	6	9	3	3	1	41	
Females 18 years of age or over		2	4	6	8	11	6	4	2	3	3	1				46	
Males under 18 years of age		2	3													5	
Females under 18 years of age		3														11	
Tobacco Manufactures	46	35	51	145	157	221	389	212	358	377	166	122	9	9	1	2,354	
Males 18 years of age or over		10	14	39	45	30	54	37	179	322	161	122	9	9	1	1,003	
Females 18 years of age or over		25	42	119	110	202	335	175	179	45	6					1,337	
Males under 18 years of age																1	
Females under 18 years of age																1	
Trunks and Valises	6		6	1	3	6	6	4	17	29	23	11	1	1		125	
Males 18 years of age or over			4	1	2	2	2	4	3	17	39	23	1	1		116	
Females 18 years of age or over			1													10	
Males under 18 years of age			1														
Females under 18 years of age																	
Washing Machines and Clothes Wringers	3															189	
Males 18 years of age or over																138	
Females 18 years of age or over																10	
Males under 18 years of age																	
Females under 18 years of age																	
Wirework, Including Wire Rope and Cable	7															108	
Males 18 years of age or over																106	
Males under 18 years of age																2	
SERVICE—																	
Amusement Parks	6	3	1	29	29	66	37	25	74	109	57	46	11	6		453	
Males 18 years of age or over		3	1	26	25	40	10	10	64	104	64	46	11	6		410	
Females 18 years of age or over																72	
Garages	20															374	
Males 18 years of age or over																370	
Males under 18 years of age																4	
Hotels	43	100	94	198	314	262	116	194	212	388	122	172	32	6		2,010	
Males 18 years of age or over		34	45	115	184	156	65	139	188	170	117	169	32	6		1,370	
Females 18 years of age or over		66	49	83	130	106	50	55	24	13	6					639	
Males under 18 years of age																1	
Females under 18 years of age																1	
Laundries and Dry Cleaners	40	16	29	104	437	305	27	149	151	176	86	83	23	1		1,353	
Males 18 years of age or over		4	10	6	11	19	16	21	44	33	26	23	3	1		543	
Females 18 years of age or over			12	157	421	239	205	104	48	155	89	79	23	1		1,303	
Males under 18 years of age		12	7	2	6			1								37	

Office Buildings	45	8	4	5	8	169	44	27	49	97	173	84	109	26	7	802
Males 18 years of age or over.....	.....	4	4	8	4	6	12	22	45	96	173	83	105	26	7	535
Females 18 years of age or over.....	.....	4	4	.....	4	163	32	6	4	1	.....	1	1	.....	.....	215
Restaurants	47	128	53	2	167	119	103	108	57	96	65	73	43	11	6	1,019
Males 18 years of age or over.....	.....	9	45	9	112	65	67	65	39	39	64	72	40	11	6	514
Females 18 years of age or over.....	.....	119	44	25	.....	54	46	65	48	63	66	61	3	11	6	505
Saloons	32	2	1	1	25	39	51	27	44	56	57	58	69	11	6	423
Males 18 years of age or over.....	.....	2	.....	.....	4	4	15	10	4	7	9	9	3	11	6	33
Females 18 years of age or over.....	.....	.....	1	1	21	15	13	15	15	39	46	65	124	49	12	604
Theaters	37	48	21	11	40	69	61	15	11	34	44	44	61	47	11	474
Males 18 years of age or over.....	.....	23	11	21	8	50	32	11	11	39	44	61	118	2	1	94
Females 18 years of age or over.....	.....	7	7	4	10	18	29	4	4	5	2	4	6	2	1	35
Males under 18 years of age.....	.....	18	6	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TRADE—																
Retail Delivery, Milk, Ice and Water.	23	1	3	2	2	2	.....	.....	1	3	123	256	2	1	.....	386
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	123	256	3	1	.....	387
Females 18 years of age or over.....	.....	1	2	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Retail and Wholesale Stores.	666	250	442	1	559	853	453	407	428	1,031	1,901	1,173	641	153	72	8,103
Males 18 years of age or over.....	.....	35	71	149	149	149	158	160	231	858	1,780	1,127	595	145	66	5,524
Females 18 years of age or over.....	.....	76	191	311	311	355	270	239	196	172	121	46	46	18	6	2,047
Males under 18 years of age.....	.....	62	130	90	90	38	19	6	1	1	.....	.....	.....	.....	.....	337
Females under 18 years of age.....	.....	87	130	39	39	11	6	2	.....	.....	.....	.....	.....	.....	.....	195
Yards, Coal and Lumber.	91	8	22	26	26	18	20	29	60	329	650	184	54	9	1	1,411
Males 18 years of age or over.....	.....	1	1	1	1	6	2	21	53	224	650	184	54	9	1	1,309
Females 18 years of age or over.....	.....	1	1	22	22	12	17	8	7	5	.....	.....	.....	.....	.....	98
Males under 18 years of age.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
TRANSPORTATION AND PUBLIC UTILITIES—																
Carriage (Drayage) and Storage, Including Livestock Stables.	66	10	1	1	2	8	6	12	26	127	511	270	35	7	1	1,056
Males 18 years of age or over.....	.....	10	1	1	2	7	6	9	26	126	511	270	35	7	1	1,011
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	3
Electric Light and Power.	3	.....	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	541
Males 18 years of age or over.....	.....	.....	.....	.....	.....	1	1	16	2	204	148	104	59	6	.....	640
Females 18 years of age or over.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	3
Electric Railroads.	7	1	3	1	1	2	12	107	107	109	874	1,063	1,037	1	.....	3,210
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,203
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Telegraph and Telephone.	6	1	1	1	1	2	110	119	864	101	137	158	138	13	1	1,331
Males 18 years of age or over.....	.....	1	1	26	131	35	5	3	17	26	70	141	138	13	1	418
Females 18 years of age or over.....	.....	1	1	1	89	23	104	117	347	75	67	17	2	.....	.....	351
Males under 18 years of age.....	.....	.....	21	40	40	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	62

TABLE I—Continued.

JEFFERSON COUNTY

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.											
		Number of wage earners at each classified rate of wages per week.											
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.
ALL INDUSTRIES	132	52	29	132	119	271	90	280	1,064	3,076	1,538	1,567	1,086
Males 18 years of age or over.....	23	12	46	46	24	160	46	163	1,012	3,068	1,526	1,562	1,086
Females 18 years of age or over.....	29	21	76	86	96	101	34	63	48	13	9	5	136
Males under 18 years of age.....	29	4	4	4	8	10	10	4	4	5	3	.....	456
Females under 18 years of age.....	.....	2	4	4	.....	.....	.....	.....	.....	.....	.....	.....	82
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
CONSTRUCTION—													
General Contracting.....	7	.....	.....	.....	.....	.....	.....	.....	1	131	4	15	24
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	1	131	4	15	3
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	42	53	24	24	3
Street, Road and Sewer Contracting.....	5	.....	.....	.....	4	2	.....	2	43	53	24	24	2
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	157
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Males under 18 years of age.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	153
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
MANUFACTURES—													
Brick and Tile.....	3	.....	.....	1	3	.....	2	.....	96	65	8	18	1
Males 18 years of age or over.....	.....	.....	.....	.....	2	.....	2	.....	96	65	8	18	1
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	196
Males under 18 years of age.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	2
Pottery, Terra-Cotta and Fire Clay Products.....	15	.....	5	12	6	19	26	23	187	948	181	207	28
Males 18 years of age or over.....	.....	.....	.....	.....	.....	1	2	14	162	946	177	206	8
Females 18 years of age or over.....	.....	.....	.....	.....	.....	16	19	6	25	2	4	1	1,544
Males under 18 years of age.....	.....	.....	.....	.....	4	2	6	3	.....	.....	.....	.....	1,538
Females under 18 years of age.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
SERVICE—													
Laundries and Dry Cleaners.....	4	.....	.....	28	21	18	4	2	1	9	14	21	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	14	21	118
Females 18 years of age or over.....	.....	.....	.....	.....	21	18	4	2	1	1	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
TRADE—													
Retail and Wholesale Stores.....	27	8	.....	1	6	6	8	11	9	27	25	11	3
Males 18 years of age or over.....	.....	3	.....	1	1	3	7	8	6	26	24	10	3
Females 18 years of age or over.....	.....	.....	.....	.....	3	3	1	3	3	1	1	1	2
Males under 18 years of age.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	113
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2

TABLE I—Continued.
LOBAIN COUNTY — Concluded

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
CONSTRUCTION—Concluded.															
Street, Road and Sewer Contracting.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 15 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MANUFACTURES—															
Foundry and Machine Shop Products.....	15	.....	4	9	12	21	22	76	459	1,460	747	564	46	4	3,424
Males 15 years of age or over.....	.....	.....	2	6	6	18	6	66	440	1,456	747	564	46	4	3,381
Females 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 15 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 15 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and Publishing.....	10	36	6	5	7	4	16	19	3	4	15	19	.....	.....	69
Males 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	107
Females 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
Males under 15 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
Females under 15 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
SERVICE—															
Laundries and Dry Cleaners.....	6	.....	5	10	20	21	5	7	4	4	11	12	3	.....	102
Males 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
Females 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
TRADE—															
Retail and Wholesale Stores.....	47	3	7	8	3	7	5	16	16	52	33	38	2	.....	190
Males 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83
Females 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	102
Males under 15 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
Females under 15 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TRANSPORTATION AND PUBLIC UTILITIES—															
Telegraph and Telephone.....	8	1	6	35	23	6	5	1	2	7	14	8	2	.....	109
Males 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
Females 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78
Males under 15 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2

LUCAS COUNTY

ALL INDUSTRIES	1,084	178	359	902	2,048	1,731	1,627	1,659	6,807	15,462	10,716	11,647	2,988	613	56,537
Males 18 years of age or over	22	49	131	121	289	533	492	974	5,430	15,171	10,618	11,601	2,976	612	48,916
Females 18 years of age or over	109	200	652	652	1,625	1,076	1,022	621	1,061	233	59	46	12	1	6,827
Males under 18 years of age	13	59	78	78	173	92	76	57	39	6	1	1	.....	.....	494
Females under 18 years of age	34	51	51	51	81	50	37	7	7	2	.....	.....	.....	.....	300
AGRICULTURE—															
Florists, Fruit Growers, Nurserymen and Seedmen	14	.....	.....	1	12	14	26	7	12	49	26	6	.....	.....	162
Males 18 years of age or over .....	.....	.....	.....	.....	1	7	6	7	12	33	26	6	.....	.....	97
Females 18 years of age or over .....	.....	.....	.....	.....	8	6	20	7	12	15	.....	.....	.....	.....	49
Males 17 years of age or over .....	.....	.....	.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	4
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CONSTRUCTION—															
Brick, Stone and Cement Work	15	.....	.....	.....	7	.....	9	10	14	285	44	65	68	.....	510
Males 18 years of age or over .....	.....	.....	.....	.....	7	.....	9	10	14	285	44	65	68	.....	510
General Contracting	80	2	.....	2	1	45	31	33	99	1,336	970	1,361	452	159	4,491
Males 18 years of age or over .....	.....	.....	.....	.....	1	45	31	33	99	1,336	970	1,361	452	159	4,489
Males 17 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Painting and Decorating	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 17 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plumbing and Steam Fitting	13	2	6	3	6	3	.....	2	67	65	22	110	10	.....	296
Males 18 years of age or over .....	.....	.....	.....	.....	4	1	.....	2	67	65	22	110	10	.....	289
Males 17 years of age or over .....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	7
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheet Metal Work and Roofing	20	.....	.....	.....	4	4	1	12	15	77	33	84	2	.....	227
Males 18 years of age or over .....	.....	.....	.....	.....	1	4	.....	12	15	76	33	84	2	.....	228
Males 17 years of age or over .....	.....	.....	.....	.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	9
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Street, Road and Sewer Contracting	27	2	2	7	12	7	10	145	158	787	163	189	59	9	1,513
Males 18 years of age or over .....	.....	.....	.....	.....	12	7	10	145	158	787	163	189	59	9	1,513
Males 17 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MANUFACTURES—															
Automobiles, including Bodies and Parts	8	.....	.....	.....	114	12	296	110	1,745	4,875	3,013	3,119	1,124	200	14,606
Males 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over .....	.....	.....	.....	.....	85	5	6	30	1,376	4,865	3,013	3,119	1,124	200	13,787
Males 17 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 17 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Awning, Tents and Sails	5	1	10	4	177	31	33	23	23	41	23	13	1	1	389
Males 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 17 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 17 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brass and Bronze Products	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 17 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bread and other Bakery Products	23	1	3	45	43	24	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 17 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 17 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE I—Continued.
LUCAS COUNTY — Continued

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
MANUFACTURES—Continued.															
Brick and Tile.....	5	.....	.....	.....	.....	4	.....	4	16	108	63	21	4	1	216
Males 18 years of age or over.....	.....	.....	.....	.....	.....	4	.....	.....	16	101	62	21	4	1	213
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Butter, Cheese and Condensed Milk.....	5	1	.....	2	.....	3	1	2	16	30	22	37	4	1	118
Males 18 years of age or over.....	.....	1	.....	.....	.....	.....	1	2	16	30	22	37	4	1	114
Females 18 years of age or over.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Carriages and Sleds, Children's.....	4	.....	2	2	27	30	62	46	291	479	241	133	14	5	1,323
Males 18 years of age or over.....	.....	.....	.....	.....	5	8	25	28	262	469	241	133	14	5	1,198
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
Males under 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
Males 18 years of age or over.....	11	1	1	1	12	14	13	46	84	157	77	88	45	6	629
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52
Carriages, Wagons and Materials.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	629
Clothing, Women's.....	9	34	23	49	62	103	62	77	141	146	116	151	94	30	1,086
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	487
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	594
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Coffee and Spices and Peanuts, Roasting and Grinding.....	6	.....	1	35	46	21	25	11	17	67	32	21	3	.....	277
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
Confectionery and Ice Cream.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	181
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Copper, Tin and Sheet Iron Products.....	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	934
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	715
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Electrical Machinery, Apparatus and Supplies.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	740
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	374
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	366

TABLE I—Continued.
LUCAS COUNTY — Concluded

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.														Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.		
SERVICE—Concluded.																
Laundries and Dry Cleaners.....	16	3	.....	23	64	83	43	27	26	43	36	34	10	.....	401
Males 18 years of age or over.....	.....	1	.....	22	59	86	41	6	8	33	30	30	10	.....	121
Females 18 years of age or over.....	.....	.....	.....	1	1	.....	.....	23	17	9	6	4	.....	.....	266
Males under 18 years of age.....	.....	1	.....	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Females under 18 years of age.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Office Buildings.....	17	2	.....	6	28	32	9	10	53	50	54	20	6	1	269
Males 18 years of age or over.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	185
Females 18 years of age or over.....	.....	2	.....	4	23	27	20	7	49	46	53	20	6	1	184
Restaurants.....	18	4	.....	8	28	26	20	11	56	32	19	19	1	.....	225
Males 18 years of age or over.....	.....	2	.....	3	13	13	11	11	56	31	17	19	1	1	170
Females 18 years of age or over.....	.....	2	.....	5	15	12	9	.....	.....	.....	.....	.....	.....	.....	150
Saloons.....	7	4	.....	15	23	22	6	1	12	7	19	24	8	.....	150
Males 18 years of age or over.....	.....	4	.....	4	25	15	5	1	12	7	18	24	8	.....	150
Females 18 years of age or over.....	.....	.....	.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60
Theaters.....	10	4	.....	3	25	16	7	3	9	11	16	66	14	.....	201
Males 18 years of age or over.....	.....	4	.....	6	11	15	4	8	8	11	14	61	12	8	141
Females 18 years of age or over.....	.....	4	.....	5	.....	.....	.....	.....	.....	.....	.....	6	2	.....	52
Males under 18 years of age.....	.....	.....	1	25	11	3	3	.....	1	.....	.....	.....	.....	.....	8
TRADE—																
Retail and Wholesale Stores.....	203	70	110	156	176	125	139	185	254	724	497	255	45	26	2,762	
Males 18 years of age or over.....	.....	1	.....	22	49	47	45	100	190	699	472	247	43	25	1,951
Females 18 years of age or over.....	.....	39	63	100	109	66	89	72	51	25	25	8	2	1	650
Males under 18 years of age.....	.....	2	.....	23	12	12	6	14	13	.....	.....	.....	.....	.....	103
Females under 18 years of age.....	.....	28	14	11	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	53
Yards, Coal and Lumber.....	29	.....	.....	2	9	5	.....	12	6	161	95	56	161	.....	346
Males 18 years of age or over.....	.....	.....	.....	.....	2	.....	.....	12	6	161	.....	.....	.....	.....	331
Females 18 years of age or over.....	.....	.....	.....	.....	.....	4	.....	12	1	.....	.....	.....	.....	.....	12
Males under 18 years of age.....	.....	.....	.....	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
TRANSPORTATION AND PUBLIC UTILITIES—																
Carriage (Drayage) and Storage, Including Livestock.....	28	.....	.....	.....	6	2	2	1	17	184	190	23	1	.....	426
Males 18 years of age or over.....	.....	.....	.....	.....	6	2	2	1	17	184	190	23	1	.....	426
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	883
Males under 18 years of age.....	.....	7	48	.....	149	123	60	23	56	104	79	126	15	1	250
Females under 18 years of age.....	.....	1	.....	.....	.....	.....	7	3	23	96	73	125	15	.....	533
Males 18 years of age or over.....	.....	6	48	.....	145	122	53	20	28	9	7	1	.....	.....	.....

MAHONING COUNTY

ALL INDUSTRIES	441	88	168	293	408	511	634	1,072	5,394	11,131	7,012	8,477	2,947	477	38,248
Males 18 years of age or over.....	11	11	25	39	89	105	235	683	5,149	10,880	6,945	8,469	2,942	477	35,888
Females 18 years of age or over.....	61	61	115	240	276	330	268	206	238	244	69	17	5	477	2,208
Males under 18 years of age.....	15	15	20	13	43	17	28	22	7	1	6	1	6	.....	170
Females under 18 years of age.....	1	1	7	2	.....	9	7	2	.....	.....	.....	.....	.....	.....	24
CONSTRUCTION—															
Brick, Stone and Cement Work.....	16	.....	.....	.....	1	1	.....	21	74	34	9	5	84	4	229
Males 18 years of age or over.....	.....	.....	.....	.....	1	.....	.....	21	74	34	9	5	84	4	229
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	53	.....	.....	.....	.....	1	17	32	180	435	101	474	285	29	1,608
General Contracting.....	.....	.....	1	.....	.....	1	17	32	180	435	101	474	285	29	1,608
Males 18 years of age or over.....	7	.....	.....	.....	1	.....	1	.....	.....	7	7	36	8	29	1,117
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	117
Males under 18 years of age.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	117
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Plumbing and Steam Fitting.....	16	.....	.....	.....	1	.....	1	3	7	3	40	6	74	2	147
Males 18 years of age or over.....	.....	.....	.....	.....	1	.....	1	3	7	3	40	6	74	2	147
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	11	.....	.....	.....	.....	1	.....	.....	2	45	12	55	3	2	113
Sheet Metal Work and Roofing.....	.....	.....	.....	.....	.....	.....	.....	.....	2	45	12	55	3	2	113
Males 18 years of age or over.....	.....	.....	.....	.....	3	.....	.....	135	178	210	48	38	23	2	639
Females 18 years of age or over.....	.....	.....	.....	.....	3	.....	.....	135	178	210	48	38	23	2	639
Males under 18 years of age.....	20	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MANUFACTURES—															
Blast Furnace Products.....	7	.....	.....	.....	.....	.....	1	.....	14	469	521	491	81	9	1,586
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	1	.....	14	469	521	491	81	9	1,586
Females 18 years of age or over.....	18	.....	.....	.....	6	11	20	20	315	826	661	1,475	536	30	3,009
Males 18 years of age or over.....	.....	.....	.....	.....	6	.....	20	20	315	826	661	1,475	536	30	3,009
Females 18 years of age or over.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liquors, Malt.....	3	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	8	.....	1	2	.....	.....	.....	1	16	53	11	23	2	.....	115
Males 18 years of age or over.....	.....	.....	1	2	.....	.....	.....	1	16	53	11	23	2	.....	115
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pottery, Terra-Cotta and Fire Clay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Products.....	8	.....	1	2	15	78	76	191	94	483	190	364	65	8	1,584
Males 18 years of age or over.....	.....	.....	1	2	15	78	76	191	94	483	190	364	65	8	1,584
Females 18 years of age or over.....	1	.....	1	1	14	69	57	132	33	163	143	356	65	8	1,584
Males 18 years of age or over.....	.....	.....	1	1	14	.....	57	132	33	163	143	356	65	8	1,584
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	10	5	6	15	14	10	12	6	16	12	19	33	40	4	241
Females under 18 years of age.....	.....	.....	2	1	7	3	8	3	12	12	18	32	40	4	161
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	14	5	4	10	4	.....	50	163	3,498	6,622	3,871	3,522	1,238	354	19,383
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	49	160	3,497	6,622	3,871	3,522	1,238	354	19,383
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	1	7	1	.....	.....	.....	.....	.....	14
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
SERVICE—															
Hotels.....	6	8	6	17	21	58	37	21	40	12	32	32	3	1	289
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	37	21	40	12	32	32	3	1	289
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	28	17	23	12	29	29	3	1	178
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	9	4	17	.....	.....	.....	.....	.....	109
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1

TABLE I—Continued.
MAHONING COUNTY — Concluded

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.											
		Under \$4.											
		\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.
SERVICE—Concluded.													
Laundries and Dry Cleaners.													
Males 18 years of age or over.	5	2	41	46	35	29	11	6	24	31	28	11	285
Females 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	95
Females 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	170
TRADE—													
Retail and Wholesale Stores.													
Males 18 years of age or over.	73	86	58	49	22	32	48	85	199	130	124	34	884
Females 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	655
Males under 18 years of age.	1	20	14	25	16	18	28	72	189	121	118	30	249
Females under 18 years of age.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
Yards, Coal and Lumber.													
Males 18 years of age or over.	17	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	531
Males 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	530
Males under 18 years of age.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
TRANSPORTATION AND PUBLIC UTILITIES—													
Cartage (Drayage) and Storage, Including Livery Stables.	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148
Males 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148
Electric Railroads.	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,134
Males 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,134
Natural Gas.	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,122
Males 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,122
Telegraph and Telephone.	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148
Males 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148
Females 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148
Males under 18 years of age.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148
Females under 18 years of age.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148
ALL INDUSTRIES	822	251	872	1,533	1,684	1,883	2,170	5,480	8,637	6,681	7,745	2,248	39,846
Males 18 years of age or over.	76	69	163	263	416	673	1,461	3,948	8,256	6,901	7,717	2,244	32,494

MONTGOMERY COUNTY

Females 18 years of age or over.....	116	197	545	1,233	1,175	971	635	1,499	378	77	25	4	2	6,387
Males under 18 years of age.....	28	42	94	78	58	35	21	12	3	3	1	.....	.....	387
Females under 18 years of age.....	31	36	68	19	5	4	3	1	.....	.....	.....	.....	.....	167
AGRICULTURE—														
General Farming.....	4	1	.....	.....	3	3	3	61	19	9	22	2	.....	123
Males 18 years of age or over.....	1	.....	.....	.....	2	2	.....	57	17	9	22	2	.....	115
Females 18 years of age or over.....	.....	.....	.....	.....	.....	1	.....	4	2	.....	.....	.....	.....	7
Males under 18 years of age.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
CONSTRUCTION—														
Brick, Stone and Cement Work.....	23	.....	.....	.....	.....	.....	.....	55	84	30	72	51	2	299
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	4	56	84	30	72	51	2	299
General Contracting.....	56	.....	.....	.....	.....	.....	4	110	475	167	483	194	24	1,487
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	4	110	475	167	483	194	24	1,487
Painting and Decorating.....	15	.....	.....	.....	.....	.....	3	7	16	35	61	10	2	138
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	3	7	16	35	61	10	2	138
Plumbing and Steam Fitting.....	22	.....	.....	.....	.....	.....	3	39	30	27	51	16	.....	337
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	3	39	30	27	51	16	.....	337
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	9	39	30	27	51	16	.....	319
Sand and Gravel Excavating.....	7	.....	.....	.....	.....	.....	.....	31	51	8	12	1	.....	107
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	31	51	8	12	1	.....	107
Sheet Metal Work and Roofing.....	15	.....	.....	.....	.....	.....	12	12	38	43	13	1	.....	123
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	12	12	38	43	13	1	.....	123
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	3
Street, Road and Sewer Contracting.....	19	.....	.....	.....	.....	.....	3	251	237	37	35	13	.....	573
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	3	251	237	37	35	13	.....	573
MANUFACTURES—														
Agricultural Implements.....	3	.....	.....	.....	.....	.....	7	96	34	28	18	2	.....	273
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	6	96	34	28	18	2	.....	272
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
Automobiles, including Bodies and Parts.....	6	.....	.....	.....	.....	.....	7	273	392	446	776	454	23	2,409
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	10	290	365	430	776	454	23	2,365
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	13	13	23	16	.....	.....	.....	71
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	3
Bags, Fancy and Paper.....	5	.....	.....	.....	.....	.....	30	14	30	13	23	.....	1	311
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	5	13	30	13	23	.....	1	311
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	30	13	30	13	23	.....	.....	181
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	6	1	.....	.....	.....	.....	.....	178
Mass and Bronze Products.....	7	.....	.....	.....	.....	.....	23	52	49	81	66	22	4	423
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	24	59	51	81	66	32	4	405
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	11	13	12	63	16	8	.....	13
Food and other Bakery Products.....	17	.....	.....	.....	.....	.....	11	30	123	63	16	8	.....	382
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	5	21	123	63	16	8	.....	282
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	9	9	1	.....	.....	.....	.....	110
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	3
Carriages, Wagons and Materials.....	10	.....	.....	.....	.....	.....	15	40	51	48	18	2	.....	209
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	7
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	22	40	51	48	18	2	.....	204
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	22	40	51	48	18	2	.....	204

TABLE I—Continued.
MONTGOMERY COUNTY — Continued

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$23.	\$23 but under \$35.	\$35 and over.		
MANUFACTURES—Continued.															
Cash Registers and Calculating Machines															
Males 18 years of age or over.....	6			6	11	4	18	163	453	891	1,331	1,822	178	56	
Females 18 years of age or over.....			6	6	5	3	12	113	128	254	1,326	1,821	178	56	
Males under 18 years of age.....															
Females under 18 years of age.....	3				8	18	21	23	34	12	9	2	2	27	
Clothing, Men's, including Shirts.															
Males 18 years of age or over.....				6	8	18	21	12	23	1	7	2	2	156	
Females 18 years of age or over.....														113	
Males under 18 years of age.....	6		2	24	25	34	14	3	10	30	19	11	1	198	
Females under 18 years of age.....			16	6	1	1	6	3	2	27	19	31		170	
Confectionery and Ice Cream.															
Males 18 years of age or over.....				4	14	33	9	6	7	8			1	80	
Females 18 years of age or over.....														40	
Males under 18 years of age.....														1	
Females under 18 years of age.....			15	20	10									45	
Electrical Machinery, Apparatus and Supplies															
Males 18 years of age or over.....	3	1		4	6	9	41	63	84	281	301	510	157	28	
Females 18 years of age or over.....		1		1	3	2	22	31	48	268	289	510	157	28	
Males under 18 years of age.....														87	
Females under 18 years of age.....															
Foundry and Machine Shop Products.															
Males 18 years of age or over.....	57	23	35	57	86	133	139	244	734	1,341	765	915	236	51	
Females 18 years of age or over.....		23	14	20	68	75	117	231	780	1,380	764	915	236	51	
Males under 18 years of age.....			19	22	30	4	16	12	14	11	1			479	
Females under 18 years of age.....		1	2	6	8	4	3	1						133	
Furniture and Refrigerators.															
Males 18 years of age or over.....	8		4	4	19	22	22	34	47	130	143	107	33	1	
Females 18 years of age or over.....				4	20	20	27	32	46	119	142	107	33	581	
Males under 18 years of age.....					4	4	5	1	1	1	1			637	
Females under 18 years of age.....					2	10								10	
Ice, Manufactured.	5													2	
Males 18 years of age or over.....															
Females 18 years of age or over.....															
Liquors, Retail.	6					2							1	153	
Males 18 years of age or over.....													1	133	
Females 18 years of age or over.....													9	269	
Lumber and Planing Mill Products.															
Males 18 years of age or over.....	15	4	4	4	16	15	6	21	72	115	148	143	12	590	
Females 18 years of age or over.....		1		1	3	8	6	21	72	115	148	143	12	11	
Males under 18 years of age.....		3	4	1	16	15								16	
Females under 18 years of age.....				3	9	7								3	

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TABLE I—Continued.
MONTGOMERY COUNTY — Concluded

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
SERVICE—Concluded.															
Restaurants	10	5	1	4	5	4	16	14	27	29	12	10	3	.....	130
Males 18 years of age or over.....	.....	4	1	1	4	4	10	12	27	28	11	10	3	.....	113
Females 18 years of age or over.....	.....	1	.....	3	.....	.....	6	2	.....	1	.....	.....	.....	.....	16
Males under 18 years of age.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
TRADE—															
Retail and Wholesale Stores.....	132	29	19	100	79	100	61	77	110	290	193	119	31	12	1,230
Males 18 years of age or over.....	.....	10	2	10	20	21	22	37	78	277	185	110	28	11	901
Females 18 years of age or over.....	.....	23	12	65	42	75	38	39	32	13	8	9	3	1	840
Males under 18 years of age.....	.....	6	12	22	17	3	1	1	.....	.....	.....	.....	.....	.....	79
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Yards, Coal and Lumber.....	27	.....	.....	3	.....	1	1	5	85	139	35	15	2	.....	281
Males 18 years of age or over.....	.....	.....	.....	6	.....	.....	.....	5	85	129	35	15	2	.....	272
Females 18 years of age or over.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
TRANSPORTATION AND PUBLIC UTILITIES—															
Cartage (Drayage) and Storage, Including Livery Stables.....	13	.....	.....	.....	1	.....	.....	8	14	79	18	5	.....	.....	125
Males 18 years of age or over.....	.....	.....	.....	.....	1	.....	.....	8	14	79	18	5	.....	.....	125
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Electric Railroads.....	5	.....	.....	.....	.....	.....	.....	.....	25	177	249	55	5	.....	561
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	25	177	249	55	5	.....	561
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Telegraph and Telephone.....	7	.....	.....	.....	.....	.....	.....	.....	40	59	65	53	3	.....	459
Males 18 years of age or over.....	.....	6	34	26	28	45	53	48	28	55	61	53	3	.....	293
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	3	23	19	22	44	51	44	12	3	1	1	.....	.....	23
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MUSKINGUM COUNTY															
ALL INDUSTRIES	251	90	135	242	417	629	511	887	1,815	1,574	730	719	298	73	8,120
Males 18 years of age or over.....	.....	19	13	26	76	175	311	761	1,751	1,542	727	719	297	73	6,489
Females 18 years of age or over.....	.....	10	94	187	310	325	183	125	62	1,52	3	.....	1	.....	1,341

TABLE I—Continued.
MUSKINGUM COUNTY—Concluded.

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
SERVICE—Concluded.															
Laundries and Dry Cleaners.....	5	.....	.....	11	26	12	1	7	5	12	9	4	3	.....	100
Males 18 years of age or over.....	.....	.....	.....	.....	.....	1	1	2	4	9	9	4	3	.....	34
Females 18 years of age or over.....	.....	.....	.....	11	23	11	.....	5	1	3	.....	.....	.....	.....	64
Males under 18 years of age.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
TRADE—															
Retail and Wholesale Stores.....	60	2	10	7	12	8	11	16	40	81	29	49	17	.....	232
Males 18 years of age or over.....	.....	.....	.....	.....	4	5	5	14	35	77	29	49	16	.....	224
Females 18 years of age or over.....	.....	1	2	6	9	3	5	2	5	4	.....	.....	1	.....	23
Males under 18 years of age.....	.....	1	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Females under 18 years of age.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
TRANSPORTATION AND PUBLIC UTILITIES—															
Telegraph and Telephone.....	5	5	17	23	24	3	2	8	12	26	34	30	.....	.....	139
Males 18 years of age or over.....	.....	1	.....	1	6	.....	2	8	11	25	34	30	.....	.....	118
Females 18 years of age or over.....	.....	2	17	27	18	3	.....	.....	1	1	.....	.....	.....	.....	69
Males under 18 years of age.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
STARK COUNTY															
ALL INDUSTRIES	531	152	253	572	822	751	352	2,014	4,355	8,245	4,751	5,354	1,775	674	31,260
Males 18 years of age or over.....	.....	32	27	61	172	270	425	1,757	4,743	8,278	4,721	5,357	1,773	673	28,230
Females 18 years of age or over.....	.....	79	164	488	585	456	400	224	174	67	27	7	2	1	2,524
Males under 18 years of age.....	.....	23	29	38	63	22	27	23	18	.....	3	.....	.....	.....	169
Females under 18 years of age.....	.....	13	33	35	12	3	.....	.....	.....	.....	.....	.....	.....	.....	95
CONSTRUCTION—															
Brick, Stone and Cement Work.....	16	.....	1	.....	1	1	.....	9	18	52	22	34	70	3	211
Males 18 years of age or over.....	.....	.....	1	.....	1	1	.....	9	18	52	22	34	70	3	211
General Contracting.....	45	.....	.....	.....	3	6	3	17	217	548	171	272	207	13	1,457
Males 18 years of age or over.....	.....	.....	.....	.....	1	5	3	17	217	548	171	272	207	13	1,454
Males under 18 years of age.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	2

Plumbing and Steam Fitting.....	14	1	2	1	1	1	9	8	1	1	5	7	29	15	33	38	4	148
Males 18 years of age or over.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148
Males under 18 years of age.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148
Street, Road and Sewer Contracting.....	12	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	776
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	776
Males under 18 years of age.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	771
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
MANUFACTURES—																		
Agricultural Implements.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	276
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	276
Bread and other Bakery Products.....	12	10	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	119
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	119
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	87
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
Brick and Tile.....	10	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,028
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,028
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Carriages, Wagons and Materials.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	268
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	268
Clothing, Men's, including Shirts.....	3	3	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	161
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	161
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	155
Clothing, Women's.....	6	39	49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	207
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	207
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	268
Copper, Tin and Sheet Iron Products.....	14	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,224
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,224
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,907
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,907
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
Cutlery and Tools.....	6	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	324
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	324
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	293
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
Forgings.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,480
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,480
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,476
Foundry and Machine Shop Products.....	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,625
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,625
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
Furniture and Refrigerators.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	176
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	176
Gas and Electric Fixtures and Lamps.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	123
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	123
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
Liquors, Malt.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	111
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	111
Pottery, Terra-Cotta and Fire Clay.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	486
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	486

TABLE I—Continued.
STARK COUNTY — Concluded

Industry, Sex and Age.	Number of estab-lish-ments report-ing.	Number of wage earners at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
MANUFACTURES—Continued.															
Printing and Publishing.....	13	12	11	32	38	30	29	20	26	39	73	31	2	351	
Males 18 years of age or over.....	.....	5	2	4	10	9	9	9	19	35	73	29	2	229
Females 18 years of age or over.....	.....	2	5	27	28	20	24	21	7	4	.....	.....	.....	139
Males under 18 years of age.....	.....	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Females under 18 years of age.....	.....	9	8	23	35	18	19	60	79	92	121	9	.....	596
Rubber Products.....	7	9	7	14	12	9	14	50	65	88	122	9	.....	596
Males 18 years of age or over.....	.....	9	7	14	12	9	14	50	65	88	122	9	.....	76
Females 18 years of age or over.....	.....	.....	1	9	23	9	5	10	14	4	.....	.....	.....	3,475
Steel Works and Rolling Mills.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,475
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,475
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,475
Toys and Games.....	4	3	10	47	32	24	31	15	384	950	831	331	311	280	
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	87
Females 18 years of age or over.....	.....	2	1	42	29	21	22	7	2	16	11	3	.....	126
Males under 18 years of age.....	.....	1	8	5	1	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
SERVICE—															
Garages.....	8	1	1	1	2	1	2	3	8	24	31	3	1	102	
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	97
Males under 18 years of age.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Hotels.....	8	3	1	16	31	39	21	10	23	20	13	4	2	205	
Males 18 years of age or over.....	.....	3	1	4	15	20	10	7	20	12	17	4	2	137
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Laundries and Dry Cleaners.....	7	7	1	14	32	24	29	10	9	20	25	4	.....	192
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
Females 18 years of age or over.....	.....	5	1	13	32	24	28	9	6	19	17	4	.....	116
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Restaurants.....	6	1	1	5	21	14	9	4	25	19	13	2	2	118	
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73
TRADE—															
Retail Delivery, Milk, Ice and Water.....	4	.....	.....	.....	.....	.....	.....	.....	107	40	32	.....	.....	180
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	107	40	32	.....	.....	180
Retail and Wholesale Stores.....	114	12	19	22	29	20	22	14	55	191	100	13	2	569	
Males 18 years of age or over.....	.....	1	3	15	10	11	7	47	186	98	67	13	2	461

TABLE I—Continued.
SUMMIT COUNTY—Concluded.

Industry, Sex and Age.	Number of estab-lish-ments report-ing.	Number of wage earners at each classified rate of wages per week.															Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.			
MANUFACTURES—																	
Bread and other Bakery Products.....	9	5	3	4	3	10	5	13	6	19	23	31	33	31	3	124	
Males 18 years of age or over.....							1	2	6	19	23	31			3	104	
Females 18 years of age or over.....							4	11	0	0	0	0			0	26	
Males under 18 years of age.....	4	1	3	4	2	8	0	4	0	0	0	0			0	199	
Females under 18 years of age.....	5						0	0	43	112	90	10			3	146	
Brick and Tile.....									43	112	90	10			3	246	
Males 18 years of age or over.....									43	112	90	10			3	246	
Females 18 years of age or over.....	31						57	293	590	876	681	914			138	3,230	
Foundry and Machine Shop Products.....							90	188	558	876	681	914			138	3,230	
Males 18 years of age or over.....							15	4	1	1						42	
Females 18 years of age or over.....	1	1	1	19	4	4	10	12								68	
Males under 18 years of age.....																8	
Females under 18 years of age.....							3	2	1	67	34	82			3	186	
Liquors, Malt.....	3						1	2	6	67	34	82			3	186	
Males 18 years of age or over.....																194	
Females 18 years of age or over.....																1	
Lumber and Planing Mill Products.....	7						1	14	67	109	139	87			4	446	
Males 18 years of age or over.....							6	12	66	108	138	87			4	424	
Females 18 years of age or over.....							4	2	1	1	1					16	
Males under 18 years of age.....							1	1	1							6	
Females under 18 years of age.....							1	17	25	31	44	27				266	
Paper and Wood Pulp.....	6	1		11	23	17	5	17	25	31	44	27				266	
Males 18 years of age or over.....							1	1	1	1	1	1				6	
Females 18 years of age or over.....							4	5	25	31	44	27				266	
Males under 18 years of age.....							2	17	25	31	44	27				266	
Females under 18 years of age.....							9	17	25	31	44	27				266	
Pottery, Terra-Cotta and Fire Clay Products.....	1															61	
Males 18 years of age or over.....																2	
Females 18 years of age or over.....																1	
Males under 18 years of age.....																1	
Females under 18 years of age.....																1	
Printing and Publishing.....	21	7	4	51	10	63	34	80	68	106	87	164			52	756	
Males 18 years of age or over.....							6	16	55	97	87	163			52	756	
Females 18 years of age or over.....							6	16	55	97	87	163			52	756	
Males under 18 years of age.....							45	13	12	9					1	198	
Females under 18 years of age.....							2		1							17	
Rubber Products.....	25			84	209	389	364	484	1,983	5,468	5,223	10,500			3,612	23,047	
Males 18 years of age or over.....							23	207	1,138	6,097	6,147	10,492			3,612	23,047	
Females 18 years of age or over.....							23	207	1,138	6,097	6,147	10,492			3,612	23,047	
Males under 18 years of age.....							24	48	31	16	73	8				1,983	
Females under 18 years of age.....							11	7	3	3						1,162	
Males under 18 years of age.....							21	47	31	16						1,162	
Females under 18 years of age.....							11	7	3	3						69	

Stoves and Furnaces.....	5	.....	.....	.....	5	27	19	60	126	96	66	32	17	470
Males 18 years of age or over.....	.....	.....	.....	.....	4	4	19	30	126	86	66	32	17	469
Males under 18 years of age.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
SERVICE—														
Hotels.....	4	6	.....	.....	.....	19	22	9	3	14	13	4	1	190
Males 18 years of age or over.....	.....	6	.....	.....	.....	10	16	7	2	14	13	4	1	136
Females 18 years of age or over.....	.....	.....	.....	.....	.....	9	6	2	1	.....	.....	.....	.....	64
Laundries and Dry Cleaners.....	13	.....	.....	.....	.....	53	19	12	38	44	26	5	1	296
Males 18 years of age or over.....	.....	.....	.....	.....	.....	63	1	5	36	44	26	5	1	120
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....	.....	176
Restaurants.....	15	2	.....	.....	.....	63	18	40	32	13	11	3	2	197
Males 18 years of age or over.....	.....	2	.....	.....	.....	25	20	37	32	13	11	3	2	141
Females 18 years of age or over.....	.....	2	.....	.....	.....	16	15	40	32	13	11	3	2	51
Males 18 years of age or over.....	.....	.....	.....	.....	.....	11	5	17	.....	.....	.....	.....	.....	.....
TRADE—														
Retail and Wholesale Stores.....	82	53	36	.....	.....	12	33	45	179	196	88	36	5	775
Males 18 years of age or over.....	.....	1	.....	.....	.....	9	9	38	172	183	84	35	5	646
Females 18 years of age or over.....	.....	36	34	.....	.....	25	24	7	7	.....	4	1	.....	198
Males under 18 years of age.....	.....	16	2	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	23
Females under 18 years of age.....	.....	.....	6	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Yards, Coal and Lumber.....	22	.....	.....	.....	.....	1	2	52	182	117	39	9	1	403
Males 18 years of age or over.....	.....	.....	.....	.....	.....	1	2	52	182	117	39	9	1	403
TRANSPORTATION AND PUBLIC UTILITIES—														
Natural Gas.....	3	1	.....	.....	.....	.....	.....	3	85	12	24	1	.....	136
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	2	85	12	24	1	.....	135
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Telegraph and Telephone.....	6	.....	.....	.....	.....	30	12	8	16	40	46	2	.....	269
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	6	13	40	46	2	.....	113
Females 18 years of age or over.....	.....	.....	.....	.....	.....	30	10	2	3	.....	.....	.....	.....	149
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2

TRUMBULL COUNTY

ALL INDUSTRIES																12,091
Males 18 years of age or over.....	191	12	23	99	160	223	312	531	2,064	3,061	1,901	2,355	945	369	12,091	
Females 18 years of age or over.....	.....	6	9	6	60	25	130	462	1,880	2,977	1,968	2,349	944	360	11,065
Males under 18 years of age.....	.....	2	11	64	82	123	169	97	158	138	33	6	1	892	11,065
Females under 18 years of age.....	.....	.....	3	14	13	47	16	10	9	1	.....	.....	.....	116	11,065
Females under 18 years of age.....	.....	.....	.....	15	5	28	8	12	7	5	.....	.....	.....	78	11,065
CONSTRUCTION—																
General Contracting.....	13	.....	.....	.....	.....	.....	.....	1	62	89	84	170	27	7	442
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	2	3	62	89	84	170	27	7	442
Street, Road and Sewer Contracting.....	8	.....	.....	.....	.....	.....	.....	66	13	154	3	2	1	239	442
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	66	13	154	3	2	1	239	442

TABLE I—Concluded.
TRUMBULL COUNTY — Concluded

Industry, Sex and Age.	Number of establishments reporting.	Number of wage earners at each classified rate of wages per week.												Total.
		Under \$4.	\$4 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
MANUFACTURES—														
Cars, Steam Railroad, not including operations of Railroad Companies.....	3													383
Males 18 years of age or over.....														362
Females under 18 years of age.....														1
Copper, Tin and Sheet Iron Products.....	7													523
Males 18 years of age or over.....			31	26	1	43	85	36	112	99	46	13	6	523
Females under 18 years of age.....			1	18	3	41	34	84	105	99	46	13	6	470
Males 18 years of age or over.....			18	5	2	2	1	2	7					37
Females under 18 years of age.....			1	3										11
Electrical Machinery, Apparatus and Supplies.....	4													6
Males 18 years of age or over.....														326
Females under 18 years of age or over.....				1	5	62	29	55	56	50	25	3		274
Males 18 years of age or over.....					5	42	67	46	47	44	25	3		47
Females under 18 years of age.....						2	2	1	8	6				3
Foundry and Machine Shop Products.....	14													2
Males 18 years of age or over.....			7	10	13	13	46	294	579	433	307	83	11	1,804
Females under 18 years of age.....			4	7	2	7	46	254	579	433	307	83	11	1,779
Males under 18 years of age.....			3	3	11	6	2	2	45	33	6			109
Furniture and Refrigerators.....	3													108
Males 18 years of age or over.....			1		2	17	58	902	387	546	1,300	704	324	4,791
Steel Works and Rolling Mills.....	7													4,771
Males 18 years of age or over.....			1		2	17	58	902	387	546	1,300	704	324	4,771
Females 18 years of age or over.....					2	17	58	902	387	546	1,300	704	324	4,771
Males under 18 years of age.....			1											19
Females under 18 years of age.....														1
TRADE—														
Yards, Coal and Lumber.....	12													106
Males 18 years of age or over.....		1					7	22	51	11	11	3		104
Females 18 years of age or over.....		1					6	21	51	11	11	2		104
Males under 18 years of age.....								1						1
TRANSPORTATION AND PUBLIC UTILITIES—														
Telephone and Telegraph.....	11													105
Males 18 years of age or over.....		1					2	8	20	3	4	1		33
Females 18 years of age or over.....			14	16	17	19	2	5	20	3	4	1		70
Males under 18 years of age or over.....			14	16	16	19	2	3	20	3	4	1		70

TABLE II—RATES OF WAGES OF BOOKKEEPERS, STENOGRAPHERS, AND OFFICE CLERKS, BY INDUSTRIES.

(The first section of this table presents data for the State and the second section for each of the 20 counties having a population of 50,000 or over in 1910. For the State every industry is shown for which three or more establishments reported and 100 or more bookkeepers, stenographers, and office clerks are represented, and for each of the counties indicated every industry is shown for which three or more establishments reported and 50 or more bookkeepers, stenographers, and office clerks are represented. The manufacturing industries are grouped alphabetically under sub-groups for the State and alphabetically under the general group "Manufactures," and without sub-groups, for each of the 20 counties.)

THE STATE

Industry, Sex and Age.	Number of establishments reported.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.												Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$20.	\$20 but under \$25.	\$25 but under \$35.	
ALL INDUSTRIES	18,308	405	767	1,909	3,427	3,753	4,525	4,259	8,756	11,200	10,452	11,324	6,909	71,881
Males 18 years of age or over.....	107	123	420	687	730	730	906	1,135	3,165	5,635	7,522	9,724	3,503	40,411
Females 18 years of age or over.....	155	407	1,011	2,219	2,735	2,735	3,396	3,042	5,511	5,508	3,410	1,586	315	29,427
Males under 18 years of age.....	109	147	362	355	176	176	30	40	35	14	8	2	.....	1,328
Females under 18 years of age.....	34	90	116	155	112	112	72	42	45	23	12	2	.....	705
AGRICULTURE	268	2	6	17	22	21	16	13	21	20	20	16	7	181
Males 18 years of age or over.....	1	1	1	1	1	1	1	1	1	3	3	10	7	41
Females 18 years of age or over.....	1	5	16	20	19	15	15	12	15	17	10	7	.....	137
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Florists, Fruit Growers, Nurserymen and Seedsmen	94	1	6	16	21	18	15	10	18	16	15	12	7	165
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	1	5	16	20	17	17	15	9	13	15	8	4	.....	81
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122
Females under 18 years of age.....	174	1	1	.....	.....	3	1	3	3	4	5	4	.....	1
Agriculture, not otherwise classified	174	1	1	1	1	3	1	3	1	2	2	3	.....	26
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
CONSTRUCTION	3,274	23	21	67	86	85	74	81	195	271	330	442	251	2,014
Males 18 years of age or over.....	6	4	15	17	19	19	17	31	136	136	238	378	248	1,249
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	97
Males under 18 years of age.....	12	10	35	54	54	54	50	55	136	121	89	63	.....	693
Females under 18 years of age.....	4	4	5	6	6	6	2	3	.....	.....	.....	.....	.....	1
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
Electrical Contracting	80	1	4	7	10	6	5	11	6	3	2	1	9	109
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11

General Contracting	1,253	5	7	11	26	17	21	13	31	32	103	156	103	53	682
Males 18 years of age or over		1	1	6	9	8	2	6	15	44	69	128	100	52	441
Females 18 years of age or over		4	1	6	13	9	17	12	44	37	53	28	1	202	
Males under 18 years of age															2
Females under 18 years of age															6
Oil and Gas Drilling	201	3	1	2	3	5	4	4	2	23	21	51	21	6	103
Males 18 years of age or over		1	1	2	3	1	4	2	8	47	4	4	1	6	103
Females 18 years of age or over		1	1	2	3	1	4	2	8	47	4	4	1	6	103
Males under 18 years of age															2
Females under 18 years of age															2
Plumbing and Steam Fitting	288	4	1	15	25	19	12	11	48	42	67	68	24	10	321
Males 18 years of age or over		1	1	1	1	3	1	1	11	17	39	80	24	10	103
Females 18 years of age or over		1	1	1	1	1	1	1	11	17	17	8	24	10	103
Males under 18 years of age															4
Females under 18 years of age															4
Sheet Metal Work and Roofing	223	3	2	1	7	10	8	22	16	17	33	33	10	6	173
Males 18 years of age or over		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Females 18 years of age or over		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Males under 18 years of age															4
Females under 18 years of age															4
Street, Road and Sewer Contracting	397	1	1	2	4	1	1	2	14	20	23	58	38	6	173
Males 18 years of age or over		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Females 18 years of age or over		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Males under 18 years of age															1
Females under 18 years of age															1
Construction, not otherwise classified	815	4	1	15	14	10	16	12	34	38	45	69	39	16	314
Males 18 years of age or over		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Females 18 years of age or over		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Males under 18 years of age															1
Females under 18 years of age															1
FISHERIES	25														40
Males 18 years of age or over															25
Females 18 years of age or over															15
MANUFACTURES	8,007	224	471	1,040	1,880	2,050	2,428	2,509	5,181	7,059	7,024	7,458	4,780	2,685	44,789
Males 18 years of age or over		44	63	246	401	465	571	728	2,065	3,758	4,984	6,556	4,601	2,657	27,139
Females 18 years of age or over		81	267	517	1,151	1,401	1,769	1,733	3,072	3,281	2,002	900	179	28	16,389
Males under 18 years of age		18	108	212	246	118	66	25	22	11	3	2			879
Females under 18 years of age		24	138	258	338	181	191	185	403	452	387	401	255	184	2,897
Chemicals and Allied Products	305	7	40	16	26	37	35	56	115	197	322	322	217	182	1,467
Males 18 years of age or over		9	17	21	26	37	35	56	115	197	322	322	217	182	1,467
Females 18 years of age or over		8	11	13	33	130	150	137	288	255	147	79	18	2	1,824
Males under 18 years of age															79
Females under 18 years of age															27
Baking Powder and Yeast	4		5	3	6	5	4		1						27
Males 18 years of age or over			2	3	10	7	12	12	18	44	59	81	14	16	223
Females 18 years of age or over			2	3	6	5	3	6	10	25	23	23	13	16	163
Chemicals, Acids and Wood Distillation	47	2		1	4	2	9	7	8	19	52	8	1		64
Males 18 years of age or over															323
Females 18 years of age or over															216
Males under 18 years of age															116
Females under 18 years of age															116
Paint and Varnish	73	9	9	16	54	53	68	73	123	142	122	113	74	71	267
Males 18 years of age or over		1	5	10	10	13	20	19	29	54	63	83	67	71	458
Females 18 years of age or over		8	4	6	23	25	44	53	92	88	59	30	7		417
Males under 18 years of age					17	7	2		1						43
Females under 18 years of age				3	4	8	2	1							19

TABLE II—Continued.
THE STATE — Continued

Industry, Sex and Age.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
MANUFACTURES—Continued.															
Patent Medicines and Drug Compounds	50	1	5	9	33	53	36	22	42	33	25	21	17	14	311
Males 18 years of age or over.....		1	5	9	33	53	36	22	42	33	25	21	17	14	45
Females 18 years of age or over.....				6	30	51	34	20	38	25	19	10	15	14	241
Males under 18 years of age.....					1								2		1
Females under 18 years of age.....															4
Petroleum Refining	11		1	2	6	4		4	9	15	22	30	24	10	127
Males 18 years of age or over.....			1	2	6	4		4	9	15	22	30	24	10	111
Females 18 years of age or over.....						1			2	2	1	1			8
Males under 18 years of age.....			1												3
Females under 18 years of age.....															8
Soap and Candles	23	3	19	18	16	37	49	44	133	119	67	65	23	13	593
Males 18 years of age or over.....		3	19	18	16	37	49	44	133	119	67	65	23	13	593
Females 18 years of age or over.....				3	1	5	4	13	40	57	42	55	21	13	254
Males under 18 years of age.....		3	10	6	9	4		31	93	62	15	10	2		317
Females under 18 years of age.....			4	4	2	1									13
Chemicals and Allied Products, not otherwise classified			5	5											13
Males 18 years of age or over.....	97	9	4	7	12	13	19	27	41	55	47	67	43	30	375
Females 18 years of age or over.....		5			4	2	6	6	10	8	19	27	37	28	201
Males under 18 years of age.....		4		3	4	9	11	17	23	36	20	14	6	2	159
Females under 18 years of age.....						1									15
Food and Kindred Products	1,211	14	6	62	83	88	149	164	290	430	360	330	222	53	2,261
Males 18 years of age or over.....		14	6	62	83	88	149	164	290	430	360	330	222	53	2,261
Females 18 years of age or over.....		2	10	9	9	11	20	23	85	182	223	271	211	53	1,119
Males under 18 years of age.....		9	4	42	71	66	123	123	217	235	128	59	11		1,088
Females under 18 years of age.....		1		2	6	3	5	1	2	2					23
Males 18 years of age or over.....		2	1	3	7	7	8	1	3	1	31	40	19	5	343
Females 18 years of age or over.....				8	15	19	40	23	61	61	47	30	17	5	109
Males under 18 years of age.....		1	1	1					2	9	14	26	10		222
Females under 18 years of age.....		3	6	2	9	15	38	21	51	46	21				6
Bread and other Bakery Products	369	4				2	2			1					6
Males 18 years of age or over.....		4				2	2			1					6
Females 18 years of age or over.....															6
Males under 18 years of age.....															6
Females under 18 years of age.....															6
Butter, Cheese and Condensed Milk	110	3	2	20	11	17	24	24	35	46	34	25	13	3	257
Males 18 years of age or over.....		3	2	20	11	17	24	24	35	46	34	25	13	3	257
Females 18 years of age or over.....															3
Males under 18 years of age.....		1	1	15	11	16	22	20	30	27	12	3	1		160
Females under 18 years of age.....		1		1		1									3
Canning and Preserving Fruits and Vegetables	80			2		7	5	4	11	24	14	20	9		102
Males 18 years of age or over.....				1		1	5	4	4	10	10	16	9		48

Females 18 years of age or over.....	1	6	4	5	4	10	14	4	4	52
Males under 18 years of age.....	1	1
Females under 18 years of age.....	1
Coffee, Spices and Peanuts, Roasting and Grinding.....	35	4	5	21	29	39	60	42	35	30	7	276	
Males 18 years of age or over.....	.....	4	1	11	12	15	29	23	21	30	7	149
Males under 18 years of age.....	.....	.....	3	10	16	24	31	19	14	.....	.....	124
Females 18 years of age or over.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Confectionery and Ice Cream.....	108	12	13	16	26	46	46	52	45	17	1	278	
Males 18 years of age or over.....	.....	4	1	1	6	9	20	27	37	16	1	120
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	153
Males 18 years of age or over.....	.....	4	7	15	20	35	26	25	8	1	.....	5
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	455
Four Mill and Grist Mill Products.....	369	34	14	22	33	41	91	70	67	46	15	248	
Males 18 years of age or over.....	.....	3	1	7	7	10	61	48	61	45	15	194
Females under 18 years of age.....	.....	8	12	18	26	30	39	22	6	1	.....	5
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	333
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	237
Slaughtering and Meat Packing.....	81	3	6	9	14	34	62	75	67	46	12	88	
Males 18 years of age or over.....	.....	3	2	2	4	17	38	57	62	42	12	4
Females under 18 years of age.....	.....	1	1	6	9	16	24	18	5	4	.....	4
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	217
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118
Food and Kindred Products, not otherwise classified.....	49	7	9	12	11	24	40	26	21	42	10	95	
Males 18 years of age or over.....	.....	4	2	3	4	2	11	19	22	40	10	1
Females under 18 years of age.....	.....	2	7	8	7	21	28	7	9	2	.....	3
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,074
Iron and Steel and their Products.....	1,419	374	405	532	720	1,452	2,124	2,556	2,729	1,857	973	10,116	
Males 18 years of age or over.....	.....	130	137	175	266	742	1,273	1,993	2,508	1,813	964	3,445
Females under 18 years of age.....	.....	188	230	327	445	682	841	563	221	39	.....	243
Males under 18 years of age.....	.....	90	24	17	12	11	3	.....	.....	.....	.....	70
Females under 18 years of age.....	.....	16	14	13	7	7	31	62	53	28	24	219
Blat Furnace Products.....	31	3	1	5	2	8	26	58	48	28	22	194	
Males 18 years of age or over.....	.....	1	1	4	2	5	5	6	5	.....	.....	23
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	217
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	144
Bolts, Nuts, Washers and Rivets, not made in Steel Works or Rolling Mills.....	18	3	6	10	8	22	35	47	38	18	28	68	
Males 18 years of age or over.....	.....	3	1	5	5	9	14	27	37	17	1	.....
Females 18 years of age or over.....	.....	.....	4	4	3	13	21	20	1	.....	.....	1
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Cash Registers and Calculating Machines.....	14	20	15	12	98	98	65	75	123	93	37	651	
Males 18 years of age or over.....	.....	1	4	3	13	27	17	60	113	91	37	367
Females 18 years of age or over.....	.....	22	11	9	36	59	48	15	10	2	.....	278
Males under 18 years of age.....	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	3
Females under 18 years of age.....	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	3

TABLE II—Continued.
THE STATE—Continued.

Industry, Sex and Age.	Number of estab-lish-ments report-ing.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12. under \$15.	\$15. under \$18.	\$18. under \$25.	\$25. but under \$35.	\$35 and over.	Total
MANUFACTURES—Continued.															
Cutlery and Tools.....	45	.....	4	11	13	15	13	34	48	56	49	24	26	8	300
Males 18 years of age or over.....	.....	.....	.....	1	1	.....	3	15	20	31	29	21	24	8	165
Females 18 years of age or over.....	.....	.....	2	4	9	10	9	18	28	25	20	3	.....	.....	128
Males under 18 years of age.....	.....	.....	6	6	2	6	.....	.....	.....	.....	.....	.....	.....	.....	14
Females under 18 years of age.....	.....	.....	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	3
Forgings.....	44	.....	.....	1	13	20	31	63	59	69	74	56	27	28	441
Males 18 years of age or over.....	.....	.....	.....	.....	4	10	8	20	23	48	53	50	25	23	274
Females 18 years of age or over.....	.....	.....	.....	.....	4	9	21	41	30	21	21	6	2	.....	165
Males under 18 years of age.....	.....	.....	.....	1	2	.....	1	2	1	.....	.....	.....	.....	.....	7
Females under 18 years of age.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
Foundry and Machine Shop Products.....	915	27	33	138	231	237	328	357	838	1,094	1,185	1,472	1,080	549	7,556
Males 18 years of age or over.....	.....	10	12	42	82	82	110	139	414	667	876	1,337	1,653	644	6,538
Females 18 years of age or over.....	.....	5	12	28	96	129	193	206	411	434	309	136	22	5	2,001
Males under 18 years of age.....	.....	9	10	54	43	16	19	7	6	8	.....	.....	.....	.....	157
Females under 18 years of age.....	.....	1	1	4	10	10	11	6	7	.....	.....	.....	.....	.....	49
Pumps, not including Steam Pumps.....	17	.....	.....	4	7	3	6	5	12	28	15	23	11	8	122
Males 18 years of age or over.....	.....	.....	.....	.....	3	3	1	1	5	13	13	22	11	8	78
Females 18 years of age or over.....	.....	.....	4	4	4	4	2	4	7	15	2	1	.....	.....	44
Safes and Vaults.....	11	.....	4	4	4	10	15	29	17	32	19	27	27	12	200
Males 18 years of age or over.....	.....	.....	2	3	3	3	4	9	10	18	10	21	19	10	108
Females 18 years of age or over.....	.....	.....	1	1	.....	7	11	20	7	14	9	6	8	2	88
Males under 18 years of age.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Females under 18 years of age.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Scales and Balances.....	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	121
Males 18 years of age or over.....	.....	.....	.....	.....	1	8	3	15	10	19	25	19	10	12	69
Females 18 years of age or over.....	.....	.....	.....	.....	.....	4	1	6	6	8	9	15	9	12	53
Males under 18 years of age.....	.....	.....	.....	.....	1	4	1	9	5	11	16	4	1	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sewing Machines, Cases and Attach-ments.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	123
Males 18 years of age or over.....	.....	.....	.....	.....	1	2	1	2	14	37	9	24	17	15	83
Females 18 years of age or over.....	.....	.....	.....	.....	.....	1	1	1	6	16	6	19	17	15	29
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Spring, Steel, Car and Carriage.....	7	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	111
Males 18 years of age or over.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	6
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1

Steel Works and Rolling Mills.....	56	.....	10	57	41	43	57	44	195	419	732	633	413	214	2,897
Males 18 years of age or over.....	.....	.....	7	35	23	18	19	23	151	310	628	628	411	214	2,530
Females 18 years of age or over.....	.....	.....	.....	6	11	22	32	16	40	109	51	25	2	.....	343
Males under 18 years of age.....	.....	.....	3	17	2	2	6	.....	4	.....	.....	.....	.....	.....	34
Stoves and Furnaces.....	38	.....	1	11	20	30	35	40	67	87	88	107	43	13	648
Males 18 years of age or over.....	.....	.....	.....	4	6	9	23	36	23	36	60	95	42	13	819
Females 18 years of age or over.....	.....	.....	.....	7	5	11	24	29	29	50	23	12	1	.....	294
Males under 18 years of age.....	.....	.....	.....	.....	15	18	11	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	3
Wirework, including Wire Rope and Cable.....	38	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Males 18 years of age or over.....	.....	.....	.....	2	6	8	10	4	15	17	23	12	8	2	107
Females 18 years of age or over.....	.....	.....	.....	1	1	.....	2	.....	3	7	14	10	8	2	48
Males under 18 years of age.....	.....	.....	.....	1	3	6	7	4	12	10	9	2	.....	.....	54
Females under 18 years of age.....	.....	.....	.....	.....	2	2	1	.....	.....	.....	.....	.....	.....	.....	6
Iron and Steel and their Products, not otherwise classified.....	131	.....	2	12	11	7	6	13	49	90	108	88	46	14	433
Males 18 years of age or over.....	.....	.....	1	1	1	2	1	8	21	53	92	84	46	14	324
Females 18 years of age or over.....	.....	.....	.....	5	6	5	6	.....	23	37	16	4	.....	.....	114
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
Leather and its Finished Products.....	178	.....	3	24	65	81	83	112	135	144	116	91	53	22	978
Males 18 years of age or over.....	.....	.....	9	49	9	16	12	29	21	57	72	76	52	19	890
Females 18 years of age or over.....	.....	.....	1	7	50	63	70	82	104	87	43	15	1	3	559
Males under 18 years of age.....	.....	.....	.....	35	2	1	.....	1	.....	.....	.....	.....	.....	.....	17
Females under 18 years of age.....	.....	.....	.....	4	4	3	1	.....	.....	.....	.....	.....	.....	.....	23
Boots and Shoes, including Cut Stock and Findings.....	83	.....	3	46	53	70	75	96	105	100	76	62	35	17	767
Males 18 years of age or over.....	.....	.....	24	1	4	11	10	22	19	39	49	52	34	15	263
Females 18 years of age or over.....	.....	.....	1	6	48	55	64	73	86	61	28	10	1	2	467
Males under 18 years of age.....	.....	.....	.....	34	2	1	.....	1	.....	.....	.....	.....	.....	.....	16
Females under 18 years of age.....	.....	.....	.....	3	4	3	.....	.....	.....	.....	.....	.....	.....	.....	23
Leather and its Finished Products, not otherwise classified.....	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	3	7	11	16	17	30	44	40	29	18	5	211
Females 18 years of age or over.....	.....	.....	.....	1	5	4	8	2	12	13	23	24	13	4	118
Males under 18 years of age.....	.....	.....	.....	1	2	7	6	9	13	26	17	5	.....	1	93
Females under 18 years of age.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liquors and Beverages.....	158	.....	2	1	20	14	15	.....	50	51	104	168	110	59	844
Males 18 years of age or over.....	.....	.....	3	5	8	3	.....	9	30	52	80	163	110	59	514
Females 18 years of age or over.....	.....	.....	1	3	10	4	13	6	20	29	24	6	.....	.....	119
Males under 18 years of age.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Females under 18 years of age.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Liquors, Malt.....	109	.....	4	4	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	3	9	8	.....	34	56	79	132	95	55	482
Females 18 years of age or over.....	.....	.....	.....	2	5	1	2	4	24	42	38	126	95	55	423
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	10	14	13	3	.....	.....	5
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Liquors and Beverages, not otherwise classified.....	39	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	12	5	7	3	16	25	26	37	15	4	132
Females 18 years of age or over.....	.....	.....	.....	.....	7	2	.....	.....	6	10	14	24	15	4	91
Males under 18 years of age.....	.....	.....	.....	.....	3	2	.....	.....	.....	.....	.....	.....	.....	.....	57
Females under 18 years of age.....	.....	.....	.....	.....	1	1	.....	.....	10	15	11	3	.....	.....	2
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE II—Continued.
THE STATE—Continued.

Industry, Sex and Age.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
MANUFACTURES—Continued.															
<i>Lumber and its Remainder, furs.</i>	811	8	20	38	70	77	106	86	226	269	263	316	191	97	
Males 18 years of age or over.	.....	1	16	9	19	18	24	25	87	143	183	274	185	97
Females 18 years of age or over.	.....	4	6	22	39	48	78	69	139	126	80	41	6	.....
Males under 18 years of age.	.....	3	2	1	4	4	2	2	.....	.....	.....	1	.....	.....
Females under 18 years of age.	.....	.....	2	6	9	2	8	5	16	17	22	15	14	4
Coffins, Burial Cases and Undertakers' Goods.	20	.....	2	3	6	4	6	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.	.....	1	1	.....	2	2	1	.....	7	10	14	12	11	4
Females 18 years of age or over.	.....	1	1	3	4	3	3	5	9	7	8	3	3	.....
Furniture and Refrigerators.	167	4	11	21	33	38	42	44	87	87	92	118	76	62	
Males 18 years of age or over.	.....	.....	9	9	12	8	8	12	31	46	63	106	75	62
Females 18 years of age or over.	.....	2	1	11	12	25	33	30	56	41	29	12	1	.....
Males under 18 years of age.	.....	.....	1	.....	7	1	1	2	.....	.....	.....	.....	.....	.....
Females under 18 years of age.	.....	.....	.....	1	20	23	36	22	89	155	116	128	85	21
Lumber and Planing Mill Products.	43	3	6	10	20	23	36	22	49	41	64	83	114	85	
Males 18 years of age or over.	.....	.....	.....	5	15	10	21	13	48	61	33	23	.....	.....
Females 18 years of age or over.	.....	2	4	5	15	10	21	13	48	61	33	23	.....	.....
Males under 18 years of age.	.....	1	1	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....
Females under 18 years of age.	.....	.....	1	5	1	1	2	.....	.....	.....	.....	.....	.....	.....
Lumber and its Remainder, not otherwise classified.	188	1	1	4	11	12	20	15	34	40	33	45	16	10	
Males 18 years of age or over.	.....	1	.....	.....	1	2	3	4	8	23	23	42	14	10
Females 18 years of age or over.	.....	.....	.....	3	8	10	17	11	26	17	10	3	2	.....
Males under 18 years of age.	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Metals and Metal Products, other than Iron and Steel.	309	6	13	45	108	93	135	136	282	247	371	328	210	77	
Males 18 years of age or over.	.....	2	1	17	35	22	23	29	83	155	219	262	200	74
Females 18 years of age or over.	.....	.....	1	19	60	57	103	100	197	187	149	64	10	3
Males under 18 years of age.	.....	4	10	16	10	7	7	7	.....	1	.....	.....	.....	.....
Females under 18 years of age.	.....	.....	1	13	3	1	2	4	2	4	3	25	12	3
Brass and Bronze Products.	60	.....	.....	.....	3	1	7	4	14	33	20	25	12	3
Males 18 years of age or over.	.....	.....	.....	.....	2	.....	1	1	22	22	13	20	12	3
Females 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	3	9	11	7	6	.....	.....
Males under 18 years of age.	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Copper, Tin and Sheet Iron Products.	154	2	5	32	69	53	63	68	117	157	168	147	97	53	
Males 18 years of age or over.	.....	1	.....	3	17	16	6	16	51	79	119	127	86	30

Females 18 years of age or over.....	11	44	33	53	33	66	77	68	16	2	3	412
Males under 18 years of age.....	4	6	3	4	1	.....	.....	1	.....	.....	.....	26
Females under 18 years of age.....	11	2	1	.....	.....	.....	.....	.....	.....	.....	.....	20
Gas and Electric Fixtures and Lamps	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	19	23	31	55	65	125	129	135	131	87	40	846
Females 18 years of age or over.....	8	15	5	16	12	21	44	44	92	80	40	404
Males under 18 years of age.....	4	8	16	38	51	102	81	63	29	7	.....	410
Females under 18 years of age.....	1	.....	4	1	.....	.....	.....	.....	.....	.....	.....	16
Metals and Metal Products other than Iron and Steel, not otherwise classified.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	7	13	8	10	9	26	28	28	27	14	1	177
Females 18 years of age or over.....	1	1	1	.....	.....	.....	.....	11	23	13	1	74
Males under 18 years of age.....	3	3	7	1	2	20	18	11	4	1	.....	87
Females under 18 years of age.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
Paper and Printing	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	221	423	240	257	263	463	568	518	567	407	255	4,485
Females 18 years of age or over.....	37	44	40	57	47	141	228	298	459	378	249	2,003
Males under 18 years of age.....	146	358	178	187	212	319	338	220	108	29	6	2,213
Females under 18 years of age.....	29	17	18	6	1	.....	2	.....	.....	.....	.....	132
Baker, Fancy and Paper	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	10	4	10	10	3	10	40	15	31	11	2	138
Females 18 years of age or over.....	.....	4	.....	7	4	.....	23	7	28	10	1	75
Males under 18 years of age.....	.....	3	7	2	.....	6	17	8	3	1	.....	59
Females under 18 years of age.....	.....	1	1	8	4	.....	.....	.....	.....	.....	.....	2
Paper and Wood Pulp	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	3	5	4	9	9	18	36	36	40	34	9	204
Females 18 years of age or over.....	1	1	.....	1	2	7	12	16	30	31	9	107
Males under 18 years of age.....	2	.....	.....	8	.....	.....	4	20	10	3	.....	97
Females under 18 years of age.....	210	407	217	224	236	410	462	439	463	335	235	3,928
Printing and Publishing	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	11	11	33	52	41	130	188	252	376	315	230	1,725
Females 18 years of age or over.....	13	36	37	52	192	278	273	177	87	20	5	2,062
Males under 18 years of age.....	25	14	15	5	2	.....	1	.....	.....	.....	.....	121
Females under 18 years of age.....	5	3	5	6	.....	.....	.....	.....	.....	.....	.....	30
Paper and Printing, not otherwise classified	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	79	2	13	14	14	25	30	28	33	27	9	215
Females 18 years of age or over.....	1	1	2	12	4	4	5	13	25	22	9	96
Males under 18 years of age.....	.....	.....	7	10	9	21	24	15	8	5	.....	106
Females under 18 years of age.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Rubber Products	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	61	10	303	297	212	417	783	595	768	445	339	4,304
Females 18 years of age or over.....	.....	.....	69	55	82	101	524	493	712	432	339	2,878
Males under 18 years of age.....	13	73	11	2	180	225	259	112	56	13	.....	1,365
Females under 18 years of age.....	17	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	132
Stone, Clay and Glass Products	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	19	32	49	54	79	168	209	194	229	144	58	1,224
Females 18 years of age or over.....	3	4	7	14	14	62	82	117	186	159	57	584
Males under 18 years of age.....	1	22	41	45	61	102	126	66	33	6	1	523
Females under 18 years of age.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Brick and Tile	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	3	4	5	9	6	24	22	26	35	28	2	163
Females 18 years of age or over.....	1	1	1	2	1	8	12	16	23	25	2	101
Males under 18 years of age.....	2	3	2	7	15	15	10	8	6	1	.....	66
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3

TABLE II—Continued.
THE STATE—Continued.

Industry, Sex and Age.		Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													
Number of establishments reporting.		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
MANUFACTURES—Continued.															
43	Glass.....	1	1	1	1	1	1	1	1	1	1	1	1	1	315
1	Males 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	193
1	Females 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	130
1	Males under 18 years of age.....	1	1	1	1	1	1	1	1	1	1	1	1	1	3
188	Pottery, Terra-Cotta and Fire Clay.....	1	1	1	1	1	1	1	1	1	1	1	1	1	507
1	Products.....	1	1	1	1	1	1	1	1	1	1	1	1	1	55
1	Males 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	24
1	Females 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	24
1	Males under 18 years of age.....	1	1	1	1	1	1	1	1	1	1	1	1	1	2
1	Females under 18 years of age.....	1	1	1	1	1	1	1	1	1	1	1	1	1	2
205	Stone, Clay and Glass Products, not otherwise classified.....	1	1	1	1	1	1	1	1	1	1	1	1	1	239
1	Males 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	134
1	Females 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	93
1	Males under 18 years of age.....	1	1	1	1	1	1	1	1	1	1	1	1	1	2
67	Females under 18 years of age.....	1	1	1	1	1	1	1	1	1	1	1	1	1	2
1	Females 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	2,154
1	Females 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1,009
1	Females under 18 years of age.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1,105
1	Females 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	37
1	Females 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	784
1	Females under 18 years of age.....	1	1	1	1	1	1	1	1	1	1	1	1	1	247
1	Females 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	367
1	Females under 18 years of age.....	1	1	1	1	1	1	1	1	1	1	1	1	1	24
109	Clothing, Women.....	1	1	1	1	1	1	1	1	1	1	1	1	1	633
1	Males 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	306
1	Females 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	301
1	Males under 18 years of age.....	1	1	1	1	1	1	1	1	1	1	1	1	1	11
1	Females under 18 years of age.....	1	1	1	1	1	1	1	1	1	1	1	1	1	11
8	Finery, Enamels and Repairs.....	1	1	1	1	1	1	1	1	1	1	1	1	1	315
1	Males 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	73
1	Females 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	41
1	Males under 18 years of age.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	Females under 18 years of age.....	1	1	1	1	1	1	1	1	1	1	1	1	1	100
1	Hosiery and Knit Goods.....	1	1	1	1	1	1	1	1	1	1	1	1	1	3
1	Males 18 years of age or over.....	1	1	1	1	1	1	1	1	1	1	1	1	1	3

TABLE II—Continued.
THE STATE—Continued.

Industry, Sex and Age.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
MANUFACTURES—Concluded.															
Electrical Machinery, Apparatus and Supplies	100		5	36	50	50	92	75	245	263	298	261	154	108	1,535
Males 18 years of age or over.....			1	18	30	30	29	21	90	135	160	213	150	105	933
Females 18 years of age or over.....				7	20	28	58	53	114	138	76	48	4	2	540
Males under 18 years of age.....		4	11		6	12	4	1							37
Females under 18 years of age.....															6
Ice, Manufactured	99			3	22	24	33	22	85	52	42	20	14	5	303
Males 18 years of age or over.....									26	18	30	14	13	5	182
Females 18 years of age or over.....				3	1	3	3	8	43	32	12	6	1		120
Males under 18 years of age.....						18	30	14	3	2					160
Females under 18 years of age.....						3			3						8
Instruments, Professional and Scientific	7		3		7	12	7	10	9	23	12	21	13	10	127
Males 18 years of age or over.....			2		1	2	2	2	6	14	6	17	11	10	72
Females 18 years of age or over.....			1		4	6	5	8	3	9	6	4	2		48
Males under 18 years of age.....					2	4									6
Females under 18 years of age.....															1
Munitions	5						1		8	21	22	22	17	4	103
Males 18 years of age or over.....									5	13	21	21	17	4	86
Females 18 years of age or over.....									3	8	1	1			18
Roofing Materials	5	16	1	6	6	7	5	5	18	17	22	19	10	18	150
Males 18 years of age or over.....				1	1	4	4	2	7	8	18	13	30	18	81
Females 18 years of age or over.....			1	4	3	3	5	3	11	9	4	6			49
Males under 18 years of age.....		5													9
Females under 18 years of age.....		11													11
Signs and Advertising Novelties	32			8	14	18	32	27	19	26	18	13	10	7	193
Males 18 years of age or over.....		1		2	1	1	3	4	1	5	9	11	9	7	67
Females 18 years of age or over.....				5	11	14	28	23	18	21	9	2	1		132
Males under 18 years of age.....															2
Females under 18 years of age.....															2
Manufacturing Industries, not otherwise classified	326	5	6	27	47	68	68	56	155	178	160	139	96	29	1,034
Males 18 years of age or over.....				10	6	6	14	17	37	61	90	115	88	29	473
Females 18 years of age or over.....		1	3	12	22	55	53	37	116	115	68	23	8		523
Males under 18 years of age.....			2	3	6	3	1	1	1		2	1			26
Females under 18 years of age.....		4	1	2	4	2			1	2					13

SERVICE	1,524	22	24	62	129	188	218	153	345	244	284	289	160	86	2,302
Males 18 years of age or over.....	.....	10	5	30	11	28	38	28	122	155	168	225	136	82	1,028
Females 18 years of age or over.....	.....	10	13	36	114	155	177	124	223	185	112	64	24	4	1,241
Males under 18 years of age.....	.....	2	.....	3	1	1	.....	.....	.....	.....	2	.....	.....	.....	22
Females under 18 years of age.....	.....	.....	4	4	3	16	3	20	59	63	60	54	27	6	247
Garages	502	.....	3	4	15	12	15	16	43	44	26	15	7	1	133
Males 18 years of age or over.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	202
Females 18 years of age or over.....	.....	.....	2	.....	15	12	15	16	43	44	26	15	7	1	133
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	2
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	2
Hotels	255	.....	1	1	.....	.....	2	.....	.....	3	107	115	.....	.....	10
Males 18 years of age or over.....	.....	6	4	16	23	35	50	42	120	149	107	115	61	39	757
Females 18 years of age or over.....	.....	8	1	8	6	10	22	12	66	88	79	104	44	39	492
Males under 18 years of age.....	.....	3	3	8	15	26	27	30	54	51	28	11	7	.....	264
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Laundries and Dry Cleaners	277	.....	8	21	75	88	99	65	80	50	36	33	19	7	584
Males 18 years of age or over.....	.....	1	.....	.....	1	.....	2	5	7	13	18	26	19	6	98
Females 18 years of age or over.....	.....	2	5	16	71	87	97	59	73	38	18	7	.....	1	472
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Office Buildings	168	.....	3	2	2	6	9	15	19	24	15	17	17	9	133
Males 18 years of age or over.....	.....	6	1	3	2	6	9	15	19	24	15	17	17	9	133
Females 18 years of age or over.....	.....	2	.....	3	2	.....	7	4	8	14	11	10	13	9	64
Males under 18 years of age.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64
Females under 18 years of age.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Restaurants	233	.....	1	8	3	18	15	14	28	16	11	13	4	4	135
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	1	3	3	1	6	6	14	7	7	9	3	4	60
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Service, not otherwise classified	386	.....	7	5	10	17	9	8	14	10	4	4	1	1	75
Males 18 years of age or over.....	.....	4	3	6	12	22	25	7	39	42	55	57	42	21	346
Females 18 years of age or over.....	.....	3	3	4	9	14	3	.....	8	12	30	43	37	19	181
Males under 18 years of age.....	.....	.....	1	.....	.....	.....	22	7	31	30	25	14	5	2	183
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
TRADE	4,199	74	200	585	1,073	1,193	1,428	1,158	2,400	2,768	2,451	2,227	1,389	570	17,556
Males 18 years of age or over.....	.....	17	32	80	194	165	267	211	659	1,119	1,430	1,732	1,288	661	7,894
Females 18 years of age or over.....	.....	23	91	324	733	946	1,116	921	1,720	1,641	1,026	494	101	9	9,145
Males under 18 years of age.....	.....	19	35	129	89	49	23	12	7	7	.....	.....	.....	.....	358
Females under 18 years of age.....	.....	15	42	43	57	33	22	14	14	14	3	1	.....	.....	251
Offices	291	.....	13	138	200	181	250	159	499	705	630	694	528	337	4,413
Males 18 years of age or over.....	.....	4	11	25	73	44	76	57	185	287	326	529	493	335	4,413
Females 18 years of age or over.....	.....	7	12	45	96	112	166	127	313	421	304	165	35	2	2,448
Males under 18 years of age.....	.....	2	18	57	22	16	8	5	.....	.....	.....	.....	.....	.....	1,813
Females under 18 years of age.....	.....	.....	5	10	9	7	11	.....	.....	.....	.....	.....	.....	.....	128
Retail Delivery, Milk, Ice and Water	60	.....	4	3	6	7	11	9	24	20	9	9	6	1	26
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Retail and Wholesale Stores	3,223	52	143	423	884	963	1,116	926	1,752	1,833	1,553	1,232	723	290	11,905
Males 18 years of age or over.....	.....	5	17	60	108	112	176	155	425	707	920	992	660	283	4,613
Females 18 years of age or over.....	.....	13	74	268	616	704	912	750	1,308	1,119	638	239	63	7	6,851
Males under 18 years of age.....	.....	18	17	65	65	33	13	7	6	1	2	.....	.....	.....	225
Females under 18 years of age.....	.....	15	35	30	45	23	15	14	13	6	3	1	.....	.....	208

TABLE II—Continued.
THE STATE—Concluded.

Industry, Sex and Age.	Number of estab-lish-ments report-ing.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
TRADE—Concluded.															
Yards, Coal and Lumber.....	625	9	7	21	33	37	51	64	125	207	269	242	132	43	1,230
Males 18 years of age or over.....	.....	5	2	3	12	8	14	14	46	112	177	213	130	43	792
Females 18 years of age or over.....	.....	3	4	9	17	28	28	37	78	94	82	29	2	.....	409
Males under 18 years of age.....	.....	1	.....	6	2	.....	.....	.....	1	.....	.....	.....	.....	.....	12
Females under 18 years of age.....	.....	.....	1	3	2	3	7	.....	.....	1	.....	.....	.....	.....	17
TRANSPORTATION AND PUBLIC UTILITIES															
Males 18 years of age or over.....	1,011	60	45	148	237	218	261	310	699	793	825	882	316	95	4,599
Females 18 years of age or over.....	.....	23	19	49	73	53	72	116	259	462	636	815	308	96	3,035
Males under 18 years of age.....	.....	3	21	33	147	180	279	192	343	330	139	67	8	.....	1,797
Females under 18 years of age.....	.....	.....	4	13	14	3	9	2	6	1	.....	.....	.....	.....	152
Carriage (Drayage) and Storage, includ-ing Livery Stables.....	.....	.....	.....	3	3	3	1	.....	1	.....	.....	.....	.....	.....	15
Males 18 years of age or over.....	316	4	1	5	13	12	17	9	42	68	59	83	32	8	353
Females 18 years of age or over.....	.....	.....	.....	1	4	2	4	4	19	44	39	76	30	8	230
Males under 18 years of age.....	.....	3	1	3	8	10	15	5	23	23	20	7	2	.....	129
Females under 18 years of age.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
ELECTRIC LIGHT AND POWER															
Males 18 years of age or over.....	104	6	3	20	19	12	35	36	108	124	148	123	59	9	701
Females 18 years of age or over.....	.....	2	1	8	10	10	14	19	64	96	121	108	57	9	499
Males under 18 years of age.....	.....	1	1	6	6	10	15	16	50	29	27	15	2	.....	173
Females under 18 years of age.....	.....	2	.....	6	3	1	6	1	8	29	.....	.....	.....	.....	72
ELECTRIC RAILROADS															
Males 18 years of age or over.....	64	18	3	10	30	46	65	48	115	248	241	161	46	32	1,066
Females 18 years of age or over.....	.....	12	2	6	14	22	30	20	78	118	217	153	45	32	730
Males under 18 years of age.....	.....	1	1	2	16	24	53	27	40	130	24	8	1	.....	330
Females under 18 years of age.....	.....	.....	.....	1	1	.....	1	1	.....	.....	.....	.....	.....	.....	6
NATURAL GAS															
Males 18 years of age or over.....	88	1	1	8	6	5	6	9	30	53	117	230	66	9	545
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	1	1	3	4	4	2	5	13	37	103	223	66	9	464
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78
PIPE LINES (PETROLEUM)															
Males 18 years of age or over.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TELEGRAPH AND TELEPHONE															
Males 18 years of age or over.....	347	51	35	95	154	124	231	104	280	373	193	262	63	17	1,851
Females 18 years of age or over.....	.....	13	13	26	35	20	41	69	109	109	146	176	55	17	716
Males 18 years of age or over.....	.....	13	19	66	110	110	188	137	208	114	48	29	8	.....	1,060

TABLE II—Continued.

BELMONT COUNTY

Industry, Sex and Age.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.										
		\$1 but under \$4.	\$1 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.
		\$25 but under \$35.	\$35 and over.	Total.								
ALL INDUSTRIES	151	1	2	3	15	13	13	8	34	45	60	47
Males 18 years of age or over.	1	.....	1	2	2	2	11	26	47	39
Females 18 years of age or over.	1	.....	12	11	9	6	22	19	13	8
Males under 18 years of age.	1	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.	1	.....	.....	.....	.....	1	.....	.....	.....

BUTLER COUNTY

ALL INDUSTRIES	283	2	8	25	50	51	60	55	96	139	161	172	118	42	979
Males 18 years of age or over.	.....	.....	3	4	6	6	10	37	36	67	119	160	112	40	579
Females 18 years of age or over.	.....	2	3	13	43	45	50	37	59	71	42	12	6	2	386
Males under 18 years of age.	.....	.....	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
Females under 18 years of age.	.....	.....	1	.....	1	.....	.....	1	2	1	.....	.....	.....	.....	6
MANUFACTURES—															
Foundry and Machine Shop Products.	22	.....	.....	1	4	2	4	4	12	20	21	35	22	10	135
Males 18 years of age or over.	.....	.....	.....	1	2	1	2	2	6	13	20	35	22	10	114
Females 18 years of age or over.	.....	.....	.....	.....	2	1	2	2	6	7	1	.....	.....	.....	21
Paper and Wood Pulp.	13	.....	.....	.....	5	2	3	3	5	16	21	18	11	5	89
Males 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
Females 18 years of age or over.	.....	.....	.....	.....	5	2	3	3	6	16	11	14	11	6	43
Males under 18 years of age.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
Females under 18 years of age.	.....	.....	.....	.....	2	6	4	2	6	6	6	6	6	7	57
Printing and Publishing.	11	.....	.....	1	2	.....	.....	.....	.....	2	4	.....	.....	.....	26
Males 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
Females 18 years of age or over.	.....	.....	.....	1	3	6	4	2	6	4	2	1	.....	2	.....
TRADE—															
Retail and Wholesale Stores.	53	.....	1	4	14	7	7	4	13	6	6	7	6	.....	75
Males 18 years of age or over.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
Females 18 years of age or over.	.....	.....	1	4	14	7	7	3	11	2	2	4	5	.....	14
Males under 18 years of age.	.....	.....	.....	.....	.....	.....	.....	1	1	4	4	3	1	.....	69
Females under 18 years of age.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7

CLARK COUNTY

ALL INDUSTRIES	331	9	215	139	296	102	71	78	119	153	144	157	108	76	1,662
Males 18 years of age or over	5	5	7	7	10	10	12	22	42	83	100	137	105	76	616
Females 18 years of age or over	3	3	302	117	332	92	59	55	76	75	44	20	3	.....	1,028
Males under 18 years of age	1	1	.....	2	2	.....	.....	1	.....	.....	.....	.....	.....	.....	5
Females under 18 years of age .....	.....	.....	6	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	13
MANUFACTURES—															
Agricultural Implements	8	.....	.....	.....	2	5	5	5	11	19	25	35	21	15	14
Males 18 years of age or over .....	.....	.....	.....	.....	1	2	2	3	8	12	22	29	21	15	115
Females 18 years of age or over .....	.....	.....	.....	.....	1	3	3	3	7	7	9	7	21	15	20
Automobiles, including Bodies and Parts	3	.....	1	.....	2	2	1	1	3	18	3	10	16	35	104
Males 18 years of age or over .....	.....	.....	1	.....	1	1	1	1	2	12	7	9	16	35	89
Females 18 years of age or over .....	.....	.....	.....	.....	.....	.....	.....	.....	5	6	2	1	.....	.....	14
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Foundry and Machine Shop Products	28	.....	2	6	1	4	6	10	15	30	23	38	17	11	165
Males 18 years of age or over .....	.....	.....	2	4	2	4	1	3	7	13	12	38	17	11	110
Females 18 years of age or over .....	.....	.....	.....	1	2	.....	6	7	8	17	10	.....	.....	.....	54
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Printing and Publishing	17	2	202	95	247	47	16	18	11	14	6	11	6	4	673
Males 18 years of age or over .....	.....	2	185	89	242	46	11	16	3	3	4	7	6	4	40
Females 18 years of age or over .....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	638
Males under 18 years of age .....	.....	.....	5	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
TRADE—															
Retail and Wholesale Stores	57	.....	1	11	11	7	10	3	20	14	10	8	5	.....	100
Males 18 years of age or over .....	.....	.....	.....	.....	.....	.....	1	.....	2	5	6	8	5	.....	27
Females 18 years of age or over .....	.....	.....	1	11	11	7	9	2	18	9	4	.....	.....	.....	72
Males under 18 years of age .....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1

COLUMBIANA COUNTY

ALL INDUSTRIES	253	3	2	13	19	23	14	18	76	84	105	72	58	16	497
Males 18 years of age or over .....	.....	2	2	1	3	.....	2	3	32	46	30	66	51	16	304
Females 18 years of age or over .....	.....	.....	.....	9	14	21	11	15	43	38	25	6	2	.....	184
Males under 18 years of age .....	.....	.....	.....	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	7
Females under 18 years of age .....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	2
MANUFACTURES—															
Foundry and Machine Shop Products	15	.....	.....	4	2	4	3	3	14	6	13	11	9	6	74
Males 18 years of age or over .....	.....	.....	.....	.....	1	.....	.....	1	4	4	12	9	9	6	46
Females 18 years of age or over .....	.....	.....	.....	3	1	4	3	2	10	2	.....	2	.....	.....	27
Males under 18 years of age .....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Pottery, Terra-Cotta and Fire Clay Products	36	.....	.....	.....	2	4	3	4	19	18	19	20	10	5	103
Males 18 years of age or over .....	.....	.....	.....	.....	2	4	2	4	4	2	7	17	9	5	44
Females 18 years of age or over .....	.....	.....	.....	.....	2	4	2	4	15	16	12	3	1	.....	59

TABLE II—Continued.
COLUMBIANA COUNTY—Concluded.

Industry, Sex and Age.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12. but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
MANUFACTURES—Concluded.															
Rubber Products.....	4	.....	.....	1	.....	4	1	.....	12	18	24	13	18	2	93
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	12	18	24	12	18	2	86
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Males under 18 years of age.....	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	4
CUYAHOGA COUNTY															
ALL INDUSTRIES															
Males 18 years of age or over.....	2,955	31	80	348	656	848	1,088	1,070	2,272	2,924	3,146	3,167	1,933	1,108	13,671
Females 18 years of age or over.....	.....	8	14	106	188	179	297	291	1,783	1,338	1,906	2,569	1,819	1,060	10,697
Males under 18 years of age.....	.....	14	40	104	181	79	44	74	1,464	1,576	1,233	586	114	19	7,423
Females under 18 years of age.....	.....	1	9	23	60	42	30	16	11	7	3	2	.....	.....	449
CONSTRUCTION—															
General Contracting.....	269	1	2	4	7	3	3	5	16	26	33	50	64	37	239
Males 18 years of age or over.....	.....	.....	.....	3	4	1	1	1	3	9	15	40	63	26	186
Females 18 years of age or over.....	.....	1	1	1	.....	2	.....	.....	13	16	17	10	1	1	63
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Sheet Metal Work and Roofing.....	56	1	1	2	1	1	3	8	3	10	11	7	2	3	63
Males 18 years of age or over.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
MANUFACTURES—															
Automobiles, including Bodies and Parts.....	39	.....	1	5	11	22	28	38	91	157	198	247	104	58	980
Males 18 years of age or over.....	.....	.....	.....	4	2	5	5	17	44	84	133	216	100	58	698
Females 18 years of age or over.....	.....	.....	1	.....	6	11	21	21	47	73	66	81	4	.....	279
Males under 18 years of age.....	.....	.....	.....	.....	4	3	2	.....	.....	.....	.....	.....	.....	.....	10
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Blast Furnace Products.....	3	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
Males 18 years of age or over.....	2	3	7	24	17	5	1	57
Females 18 years of age or over.....	1	1

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TABLE II—Continued.
 OUYAHOGA COUNTY — Continued

Industry, Sex and Age.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.		
MANUFACTURES—Continued.															
Electrical Machinery, Apparatus and Supplies	35	..	2	20	22	14	51	24	88	106	104	114	72	59	673
Males 18 years of age or over	14	10	1	15	7	35	43	54	80	69	57	376
Females 18 years of age or over	4	9	13	36	17	52	60	50	34	3	2	289
Males under 18 years of age	..	2	..	..	..	..	..	..	..	..	..	..	..	..	6
Females under 18 years of age	..	2	..	..	..	..	..	..	..	..	..	..	..	..	3
Flour Mill and Grist Mill Products	11	..	..	..	2	1	1	4	5	15	14	7	17	6	71
Males 18 years of age or over	1	10	7	3	17	5	46
Females 18 years of age or over	1	1	..	3	3	6	7	4	..	..	24
Males under 18 years of age	2
Females under 18 years of age	2
Forgings	19	..	..	..	13	16	24	60	46	43	57	36	18	22	335
Males 18 years of age or over	4	4	7	5	19	23	30	43	34	17	22	205
Females 18 years of age or over	18	39	23	13	14	2	1	..	120
Males under 18 years of age	2	..	..	..	2	1	..	..	..	..	..	5
Females under 18 years of age	5
Foundry and Machine Shop Products	205	2	7	28	39	38	77	76	204	283	333	459	316	188	2,054
Males 18 years of age or over	..	1	1	14	19	12	27	34	81	148	210	359	205	136	1,445
Females 18 years of age or over	4	13	16	41	38	107	140	123	60	11	3	549
Males under 18 years of age	..	1	5	8	13	7	5	2	5	..	..	..	..	..	40
Females under 18 years of age	2	..	7	6	3	4	9	15	15	23	8	..	19
Furniture and Refrigerators	28	..	..	..	7	1	1	1	4	7	9	19	8	..	89
Males 18 years of age or over	2	1	1	1	4	8	6	4	..	..	32
Females 18 years of age or over	5	..	..	..	5	..	..	..	..	..	57
Males under 18 years of age	2	2	1	1	..	..	..	..	..	..	20
Females under 18 years of age	2	1	..	..	..	..	..	..	..	..	4
Gas and Electric Fixtures and Lamps	12	..	5	15	16	13	25	41	71	90	112	110	74	35	607
Males 18 years of age or over	..	1	1	7	13	2	13	12	11	23	56	79	63	38	325
Females 18 years of age or over	6	3	8	11	27	60	68	64	31	6	..	259
Males under 18 years of age	..	4	..	..	..	..	1	1	..	..	..	..	..	..	14
Females under 18 years of age	1	..	..	1	..	2	..	3	2	..	..	..	8
Hosiery and Knit Goods	13	..	..	..	2	3	7	1	10	10	7	6	4	..	51
Males 18 years of age or over	8	7	2	..	..	9
Females 18 years of age or over	1	3	7	2	10	9	1	4	61
Males under 18 years of age	2	1	6	41
Females under 18 years of age	8	1

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TABLE II—Continued.
CUYAHOGA COUNTY—Concluded.

Industry, Sex and Age.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
SERVICE—Concluded.															
Hotels.....	34		2	3		7	14	18	30	38	37	25	17	6	197
Males 18 years of age or over.....			2	3		7	14	18	30	38	37	25	17	6	110
Females 18 years of age or over.....				1		3	4		14	20	27	20	15	6	87
Laundries and Dry Cleaners.....	41		1	5	10	26	32	21	18	18	10	10	5	3	162
Males 18 years of age or over.....			1	5	10	26	32	21	18	18	10	10	5	3	123
Females 18 years of age or over.....						1		1	3	3	4	6	5	1	44
Males under 18 years of age.....				1	9	26	31	19	24	10	6	6			2
Females under 18 years of age.....															4
Office Buildings.....	68		1	2	1	2	2	3	8	7	7	7	8	4	60
Males 18 years of age or over.....				2			2	1	6	4	6	4	3		22
Females 18 years of age or over.....							2	1	4	3	6	4	3		23
Professional.....	13		2			9	2	1	6	7	16	8	14	9	49
Males 18 years of age or over.....			1		2	10	2	1	6	3	6	6	14	9	40
Females 18 years of age or over.....						10	2		4	5	10	2	14	8	25
Males under 18 years of age.....			1				2	1						1	1
TRADE—															
Offices.....	79		13	47	100	84	79	79	185	267	266	302	221	174	1,817
Males 18 years of age or over.....			2	7	43	22	23	29	73	127	128	236	207	173	1,085
Females 18 years of age or over.....			11	25	12	10	4	46	107	140	138	66	14	1	66
Males under 18 years of age.....															16
Retail and Wholesale Stores.....	415		4	103	265	244	301	260	490	618	613	571	222	106	3,850
Males 18 years of age or over.....			1	7	34	38	64	33	103	163	253	272	202	101	1,316
Females 18 years of age or over.....			7	56	112	119	226	250	370	347	229	98	20	6	1,869
Males under 18 years of age.....			3	20	33	17	7	4	2	1	1				95
Females under 18 years of age.....			6	12	28	12	4	3	5	3	1	1			70
Yards, Coal and Lumber.....	93		1	4	8	9	13	20	37	60	52	77	61	14	398
Males 18 years of age or over.....				1	3	4	5	11	12	27	32	41	60	14	260
Females 18 years of age or over.....			1	1	1	4	6	9	24	33	27	16	1		125
Males under 18 years of age.....				2	1	1	2								6
Females under 18 years of age.....				1		1									5
TRANSPORTATION AND PUBLIC UTILITIES—															
Cartage (Drayage) and Storage, Including Livestables.....	56				3	1	10	1	6	13	19	33	10	4	105
Males 18 years of age or over.....									3	6	9	37	9	4	63

TABLE II—Continued.
FRANKLIN COUNTY—Concluded.

Industry, Sex and Age.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12. but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
SERVICE—															
Hotels.....	13	1	.....	2	10	7	4	5	12	16	6	11	4	8	86
Males 18 years of age or over.....	.....	1	.....	1	3	.....	2	3	8	11	6	10	4	8	97
Females 18 years of age or over.....	.....	.....	.....	1	7	.....	2	2	4	5	.....	1	.....	.....	29
Laundries and Dry Cleaners.....	21	.....	1	1	9	9	10	5	13	13	2	2	1	.....	59
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Females 18 years of age or over.....	.....	1	1	1	9	9	10	5	13	5	2	1	.....	.....	56
TRADE—															
Offices.....	32	1	.....	2	10	10	21	17	47	69	69	72	35	19	372
Males 18 years of age or over.....	.....	1	.....	2	3	7	5	6	17	25	33	52	31	19	205
Females 18 years of age or over.....	.....	.....	.....	.....	7	.....	16	11	30	44	31	20	4	.....	166
Males under 18 years of age.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Retail and Wholesale Stores.....	271	2	6	12	44	56	51	69	166	174	165	130	65	22	992
Males 18 years of age or over.....	.....	.....	1	6	6	9	14	13	—	75	88	102	56	22	481
Females 18 years of age or over.....	.....	2	5	5	32	45	67	56	125	99	77	28	9	.....	550
Males under 18 years of age.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	7
Females under 18 years of age.....	.....	.....	.....	1	1	1	.....	.....	1	.....	.....	.....	.....	.....	4
TRANSPORTATION AND PUBLIC UTILITIES—															
Electric Railroads.....	5	.....	.....	.....	2	4	2	1	9	76	85	5	.....	1	185
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	1	8	4	4	4	.....	1	105
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80
Telegraph and Telephone.....	4	2	3	2	25	3	47	53	43	16	17	25	14	3	232
Males 18 years of age or over.....	.....	1	1	1	17	3	43	16	9	9	15	23	14	8	93
Females 18 years of age or over.....	.....	1	1	1	17	3	43	37	24	7	5	2	.....	.....	151
Males under 18 years of age.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Females under 18 years of age.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
HAMILTON COUNTY															
ALL INDUSTRIES															
Males 18 years of age or over.....	3,125	121	207	487	715	825	1,013	994	1,971	2,825	1,868	1,838	1,113	651	14,011
Females 18 years of age or over.....	.....	29	43	114	185	194	235	275	768	1,171	1,222	1,508	1,040	644	7,416
Males under 18 years of age or over.....	.....	27	61	211	424	576	756	643	1,146	1,143	643	329	72	7	6,041

Males under 18 years of age.....	37	55	125	73	25	13	9	3	5	.....	1	.....	.....	.....	356
Females under 18 years of age.....	23	48	37	33	24	9	4	6	6	.....	.....	.....	.....	.....	198
CONSTRUCTION—															
General Contracting.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	2	.....	6	2	2	3	8	11	.....	20	14	6	.....	82
Females 18 years of age or over.....	.....	1	.....	4	.....	.....	.....	7	2	.....	5	1	6	.....	55
MANUFACTURES—															
Automobiles, Including Bodies and Parts.....	11	2	8	1	2	4	4	25	16	.....	16	5	6	.....	111
Males 18 years of age or over.....	.....	1	16	.....	.....	.....	2	17	12	.....	15	5	6	.....	70
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	89
Males under 18 years of age.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Baking Powder and Yeast.....	8	1	3	10	7	12	12	17	44	.....	30	14	16	.....	225
Males 18 years of age or over.....	.....	2	2	6	5	8	5	10	25	.....	59	13	16	.....	161
Females 18 years of age or over.....	.....	.....	1	4	2	9	7	7	19	.....	8	1	.....	.....	67
Boots and Shoes, Including Cut Stock and Findings.....	32	11	28	27	35	35	49	41	42	.....	23	11	11	.....	337
Males 18 years of age or over.....	.....	1	3	23	29	3	6	7	16	.....	11	11	10	.....	83
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	34	26	.....	5	1	.....	.....	233
Males under 18 years of age.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
Bread and other Bakery Products.....	67	4	1	4	15	10	7	13	17	.....	11	4	1	.....	81
Males 18 years of age or over.....	.....	.....	1	.....	.....	.....	.....	1	2	.....	4	4	1	.....	26
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	10	15	.....	2	.....	.....	.....	53
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Carriages, Wagons and Materials.....	48	1	4	6	4	5	3	20	17	.....	16	12	5	.....	110
Males 18 years of age or over.....	.....	.....	.....	4	.....	.....	.....	.....	7	.....	9	12	6	.....	85
Females 18 years of age or over.....	.....	1	1	2	4	5	3	11	10	.....	1	.....	.....	.....	44
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clothing Men's, Including Shirts.....	84	12	27	30	37	34	23	63	75	.....	51	25	11	.....	453
Males 18 years of age or over.....	.....	.....	.....	12	13	10	8	30	40	.....	38	32	11	.....	43
Females 18 years of age or over.....	.....	.....	.....	14	22	22	20	36	35	.....	19	3	.....	.....	241
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	197
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clothing Women's.....	26	6	3	3	3	10	12	7	10	.....	14	1	3	.....	71
Males 18 years of age or over.....	.....	.....	.....	6	1	3	.....	.....	4	.....	6	.....	.....	.....	26
Females 18 years of age or over.....	.....	.....	.....	2	2	7	9	.....	.....	.....	.....	.....	.....	.....	.....
Confectionery and Ice Cream.....	25	.....	.....	2	5	6	9	7	6	.....	8	1	2	.....	29
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Copper, Tin and Sheet Iron Products.....	32	3	5	25	4	15	13	23	19	.....	31	19	8	.....	136
Males 18 years of age or over.....	.....	.....	.....	22	6	12	8	9	9	.....	17	19	8	.....	82
Females 18 years of age or over.....	.....	.....	.....	22	7	13	10	14	10	.....	14	1	.....	.....	93
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Electrical Machinery, Apparatus and Supplies.....	19	.....	.....	13	10	16	22	43	73	.....	47	23	17	.....	342
Males 18 years of age or over.....	.....	.....	.....	4	7	10	12	21	44	.....	36	23	17	.....	236
Females 18 years of age or over.....	.....	.....	.....	5	3	6	10	22	29	.....	11	.....	.....	.....	93
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1

TABLE II—Continued.

HAMILTON COUNTY—Continued.

Industry, Sex and Age.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.														
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$15.	\$15 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.	
MANUFACTURES—Continued.																
Fancy Articles.....	4	.....	.....	.....	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	53
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
Foundry and Machine Shop Products.....	171	5	8	24	64	54	60	82	178	228	149	190	117	115	81	1,234
Males 18 years of age or over.....	.....	1	1	7	21	22	31	35	112	112	149	143	178	115	81	1,234
Females 18 years of age or over.....	.....	3	3	17	25	22	25	42	65	77	77	47	14	2	1	330
Males under 18 years of age.....	.....	.....	.....	.....	14	6	4	3	.....	.....	.....	.....	.....	.....	.....	46
Females under 18 years of age.....	.....	.....	.....	.....	4	4	1	1	.....	.....	.....	.....	.....	.....	.....	10
Furniture and Refrigerators.....	40	2	1	7	4	5	4	16	27	21	10	18	15	8	10	129
Males 18 years of age or over.....	.....	.....	.....	.....	4	5	1	1	.....	.....	.....	.....	.....	.....	.....	67
Females 18 years of age or over.....	.....	1	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
Males under 18 years of age.....	.....	1	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Ice, Manufactured.....	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Liquors, Malt.....	18	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	120
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	119
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Lumber and Planing Mill Products.....	46	1	3	1	4	6	8	7	31	26	7	29	24	22	4	167
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	92
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Paint and Varnish.....	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	94
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Patent Medicines and Drug Compounds.....	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	109
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	93
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1

Printing and Publishing.....	164	10	16	42	30	48	71	78	110	110	109	124	119	93	983
Males 18 years of age or over.....		3	3	12	9	16	17	11	84	86	57	101	108	93	496
Females 18 years of age or over.....		7	13	17	17	20	50	66	77	74	52	101	111	93	496
Males under 18 years of age.....															40
Females under 18 years of age.....															57
Sign and Advertising Novels.....	13			4	2	6	13	1	6	8	7	3	5		24
Males 18 years of age or over.....				3	2	2	3	1	4	4	4	3	5		30
Females 18 years of age or over.....				1	1	1	10	3	6	4	3				7
Males under 18 years of age.....															1
Females under 18 years of age.....															82
Slaughtering and Meat Packing.....	21			2	1	3	2	5	18	17	11	14	10	5	46
Males 18 years of age or over.....				2	1	1	1	1	13	7	6	12	8	5	25
Females 18 years of age or over.....				2	1	1	1	4	4	4	5	2	2		1
Males under 18 years of age.....															572
Females under 18 years of age.....															220
Soda and Candy.....	11			18	16	35	49	43	131	115	54	58	19	13	308
Males 18 years of age or over.....				8	1	5	4	13	40	54	40	48	17	13	13
Females 18 years of age or over.....				6	9	20	45	29	91	61	14	9	2		119
Males under 18 years of age.....				4	4	1	1								11
Females under 18 years of age.....				2	2	1	2	10	14	24	19	15	12	1	46
Stores and Furnaces.....	10			2	2	6	6	7	9	13	7	3	12	1	60
Males 18 years of age or over.....				2	2	2	4	1	5	11	5	12	9	1	39
Females 18 years of age or over.....				1		4	2	1	4	2	7	13	8		19
Males under 18 years of age.....															1
Females under 18 years of age.....															1
Tobacco Manufactures.....	46			1		6	6	7	9	13	7	3	12	1	46
Males 18 years of age or over.....				1		2	2	1	5	11	5	12	9	1	39
Females 18 years of age or over.....				1		4	2	1	4	2	7	13	8		19
Males under 18 years of age.....															1
Females under 18 years of age.....															1
SERVICE—															
Grapes.....	30		1	1	4	7	3	5	11	14	14	3	5		72
Males 18 years of age or over.....			1	1		1	1	1	4	6	6	2	4		23
Females 18 years of age or over.....			1	1	4	5	2	4	7	8	7	3	1		49
Males under 18 years of age.....															5
Females under 18 years of age.....															129
Hops.....	42		2	3	2	10	9	4	18	44	20	24	10	12	129
Males 18 years of age or over.....			1	2	2	3	2	3	12	27	14	21	7	12	12
Females 18 years of age or over.....			1	1	2	7	7	2	16	17	6	3	2	3	129
Males under 18 years of age.....				6	2	10	26	13	16	12	13	4	7	3	129
Females under 18 years of age.....				2	24	30	26	3	9	5	7	3	7	3	129
Laundries and Dry Cleaners.....	40		1	1	1	30	26	16	12	7	7	1			129
Males 18 years of age or over.....			1	1	1	1	1	1	12	6	2	6	2	1	129
Females 18 years of age or over.....			1	1	3	2	4	3	9	1	2	3	2	1	129
Males under 18 years of age.....															52
Females under 18 years of age.....															20
Restaurants.....	47		1	1	3	2	3	6	12	6	2	6	2		32
Males 18 years of age or over.....			1	1	3	2	4	3	9	1	2	3	2		52
Females 18 years of age or over.....			1	1	3	2	4	3	9	1	2	3	2		20
TRADE—															
Comics.....	70		4	58	41	46	87	40	167	228	149	168	129	95	1,219
Males 18 years of age or over.....			1	8	12	12	12	9	61	93	74	115	129	94	628
Females 18 years of age or over.....			2	3	23	30	67	30	106	138	75	63	9	1	551
Males under 18 years of age.....			1	27	4	4	1	1							49
Females under 18 years of age.....				1	1	1									2

TABLE II—Continued.
HAMILTON COUNTY—Concluded.

Industry, Sex and Age.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
TRADE—Concluded.															
Retail and Wholesale Stores.....	666	28	68	133	235	293	294	279	453	577	439	578	215	76	3,453
Males 18 years of age or over.....		4	10	24	62	49	68	72	168	233	238	299	198	75	1,600
Females 18 years of age or over.....		2	24	63	149	216	221	203	287	282	150	79	17	1	1,694
Males under 18 years of age.....		9	10	38	23	10	3	1	2						96
Females under 18 years of age.....		13	24	8	11	8	2	3	1						73
Yards, Coal and Lumber.....	91	3	4	5	7	12	13	15	29	47	62	47	27	12	233
Males 18 years of age or over.....		2	2	5	5	1	1	6	10	25	35	41	26	12	170
Females 18 years of age or over.....		1	1	1	1	10	8	9	19	22	26	6	1		105
Males under 18 years of age.....															5
Females under 18 years of age.....			1	4	1	1	1								3
TRANSPORTATION AND PUBLIC UTILITIES—															
Cartage (Drayage) and Storage, Including Livestables.....	66	2	1	1	5	3	2	2	15	13	12	13	5	1	80
Males 18 years of age or over.....					4	4	2	2	12	11	8	15	4	1	61
Females 18 years of age or over.....		2	1	1	1	1			3	2	4	3	1		19
Electric Light and Power.....	3			5	7	1		12	24	37	23	22	1		139
Males 18 years of age or over.....				5	7	1		4	6	31	20	21	2		110
Females 18 years of age or over.....								6	17	6	3	1			27
Males under 18 years of age.....		3					4								2
Electric Railroads.....	7	3			6			2	11	37	36	26	16	22	183
Males 18 years of age or over.....		3		1	4		23	1	10	34	36	26	16	22	159
Females 18 years of age or over.....					2		1	1	1						27
Males under 18 years of age.....							21								2
Females under 18 years of age.....															2
Telegraph and Telephone.....	6		7	4			11	1							3
Males 18 years of age or over.....			5	3	4	7	9	12	33	22	49	47	7	5	225
Females 18 years of age or over.....			2		3	3	2	15	10	14	31	39	7	6	141
Males under 18 years of age.....				1	1	1			23	18	11	8			81
Females under 18 years of age.....			3												4

JEFFERSON COUNTY

ALL INDUSTRIES	139	2	1	6	9	8	7	16	30	53	99	118	78	41	498
Males 18 years of age or over.....		1			4	3	1	9	16	35	73	110	78	41	570

TABLE II—Continued.
LUCAS COUNTY—Concluded.

Industry, Sex and Age.	Number of estab-lish-ments report-ing.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.														Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.		
MANUFACTURES—																
Automobiles, including Bodies and Parts	8	25		9		56	40	40	85	173	169	116	64	102	927	
Males 18 years of age or over.....						13				123	147	111	63	102	686	
Females 18 years of age or over.....		25		9		25	18	21	24	45	19	5	1		228	
Males under 18 years of age.....						1	2	3	3	11	8	9	3	3	56	
Females under 18 years of age.....	4		1	1		1	2	2	2	1	5	9	3	3	24	
Carriages and Sleds, Children's.....															27	
Males 18 years of age or over.....															2	
Females 18 years of age or over.....															2	
Males under 18 years of age.....			1	1		2	2	4	3	10	3				3	
Females under 18 years of age.....															3	
Coffee, Spices and Peanuts, Roasting and Grinding	6															
Males 18 years of age or over.....						1	1	1	12	27	12	13	9	3	94	
Females 18 years of age or over.....										11	7	10	9	3	45	
Copper, Tin and Sheet Iron Products	13					1	1	1	8	16	7	3			20	
Males 18 years of age or over.....						2	1	1	3	9	8	13	5	3	51	
Females 18 years of age or over.....										2	3	11	6	3	25	
Males under 18 years of age.....						1	2	1	2	7	5	2			24	
Females under 18 years of age.....				1											1	
Electrical Machinery, Apparatus and Supplies	9															
Males 18 years of age or over.....						2	5	5	15	22	15	14	12	5	96	
Females 18 years of age or over.....						1	1	1	3	6	8	11	12	5	58	
Foundry and Machine Shop Products	52					10	19	25	50	53	86	73	63	17	407	
Males 18 years of age or over.....				5		3	5	14	29	30	72	65	62	17	302	
Females 18 years of age or over.....				2		4	13	9	18	23	14	8	1		93	
Males under 18 years of age.....				1					3						7	
Females under 18 years of age.....						1	1	1							5	
Glass	6					2	2	2	4	7	11	16	18	11	72	
Males 18 years of age or over.....															2	
Females 18 years of age or over.....						2	1	1	2	5	8	12	18	10	59	
Males under 18 years of age.....									1	2	3	4		1	11	
Females under 18 years of age.....															2	
Lumber and Planing Mill Products	22															
Males 18 years of age or over.....						1	2	1	6	11	9	19	6	2	67	
Females 18 years of age or over.....									1	5	8	16	6	3	36	
Males under 18 years of age.....															21	
Females under 18 years of age.....															24	
Printing and Publishing	40															
Males 18 years of age or over.....				8		19	25	18	37	35	31	42	38	24	300	
Females 18 years of age or over.....				1		3	7	6	10	15	14	19	35	23	171	
Males under 18 years of age.....				3		11	19	8	22	21	12	7		1	112	

TABLE II—Continued.

MAHONING COUNTY—Concluded.

Industry, Sex and Age.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.																		Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12. but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.						
MANUFACTURES—Concluded.																				
Pottery, Terra-Cotta and Fire Clay Products.....	6					7	2	20	2	10	4	9	7	2	63					
Males 18 years of age or over.....						7	2	19	2	8	3	9	7	2	23					
Females 18 years of age or over.....															23					
Males under 18 years of age.....															1					
Printing and Publishing.....	10			2	1		3	5	6	18	10	20	23	10	99					
Males 18 years of age or over.....				2			1	2	2	6	7	16	20	10	65					
Females 18 years of age or over.....															1					
Males under 18 years of age.....							2	5	3	12	3	4	2		31					
Steel Works and Rolling Mills.....	14			36	19	14	32	18	113	208	404	236	207	97	1,433					
Males 18 years of age or over.....			4	32	15	10	13	13	97	169	361	277	207	97	1,395					
Females 18 years of age or over.....				4	4	4	14	5	13	39	43	9			133					
Males under 18 years of age.....				2			5	10	3						10					
TRADE—																				
Retail and Wholesale Stores.....	73	1	12	24	45	24	37	31	41	20	33	24	17	4	228					
Males 18 years of age or over.....				1	1			2	6	5	19	15	16	4	72					
Females 18 years of age or over.....					45	20	34	29	34	25	14	9	1		245					
Males under 18 years of age.....			11	22	1										2					
Females under 18 years of age.....				1			1		1						6					
Yards, Coal and Lumber.....	17				2	2	1		11	12	8	15	5	4	58					
Males 18 years of age or over.....					1	1	1		3	5	6	13	5	4	31					
Females 18 years of age or over.....							1		8	13	3	2			27					
TRANSPORTATION AND PUBLIC UTILITIES—																				
Electric Railroads.....	4	4	1	3	11		8	10	22	19	27	35	9	3	152					
Males 18 years of age or over.....		2	1	5	5		4	4	16	4	22	33	9	3	105					
Females 18 years of age or over.....				6	6		4	6	6	15	5	2			45					
Males under 18 years of age.....		1	1												3					
Females under 18 years of age.....				1											1					

TABLE II—Continued.
MONTGOMERY COUNTY—Concluded.

Industry, Sex and Age.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
TRANSPORTATION AND PUBLIC UTILITIES—															
Telegraph and Telephone.....	7	1	3	.....	5	1	21	3	7	7	13	1	2	.....	68
Males 18 years of age or over.....	.....	.....	.....	.....	.....	1	2	1	.....	4	12	1	1	.....	22
Females 18 years of age or over.....	.....	1	2	.....	5	3	19	2	.....	3	1	.....	1	.....	44

MUSKINGUM COUNTY

ALL INDUSTRIES	251	2	4	16	28	41	33	40	53	73	48	61	24	6	438
Males 18 years of age or over.....	.....	1	.....	1	5	6	4	10	14	17	41	59	32	6	217
Females 18 years of age or over.....	.....	1	2	13	22	35	26	30	38	56	7	2	1	.....	313
Males under 18 years of age.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	3
Females under 18 years of age.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
MANUFACTURES—															
Pottery, Terra-Cotta and Fire Clay Products.....	23	.....	.....	1	5	16	7	7	10	10	3	6	5	4	74
Males 18 years of age or over.....	.....	.....	.....	.....	.....	2	1	.....	4	5	3	6	5	4	30
Females 18 years of age or over.....	.....	.....	.....	1	5	14	6	7	6	5	.....	.....	.....	.....	44
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TRADE—															
Retail and Wholesale Stores.....	60	.....	1	6	10	10	7	13	15	20	8	14	11	2	117
Males 18 years of age or over.....	.....	.....	.....	.....	1	.....	.....	3	1	6	7	14	10	2	43
Females 18 years of age or over.....	.....	.....	1	6	9	10	.....	10	14	15	1	.....	1	.....	73
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

STARK COUNTY

ALL INDUSTRIES	551	22	17	105	149	124	149	143	274	353	290	316	333	140	2,200
Males 18 years of age or over.....	.....	8	6	13	34	38	30	32	111	179	200	230	257	136	1,504
Females 18 years of age or over.....	.....	9	7	66	102	92	113	108	159	173	90	86	7	5	1,697

TABLE II—Concluded.
SUMMIT COUNTY—Concluded.

Industry, Sex and Age.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12. but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
MANUFACTURES—Concluded.															
Printing and Publishing.....	21	1	1	4	1	1	2	7	12	9	12	9	11	5	75
Males 15 years of age or over.....	.....	.....	.....	3	1	.....	.....	1	2	1	6	8	10	5	37
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	6	10	.....	.....	1	.....	.....	36
Males under 18 years of age.....	.....	1	.....	.....	.....	1	.....	2	.....	8	.....	.....	1	.....	3
Rubber Products.....	25	10	9	34	163	281	277	193	352	673	507	683	376	305	3,853
Males 15 years of age or over.....	.....	.....	.....	4	14	53	51	57	149	469	418	634	366	305	2,520
Females 18 years of age or over.....	.....	.....	.....	12	58	216	222	136	203	201	89	49	10	.....	1,199
Males under 18 years of age.....	.....	10	8	16	71	.....	.....	.....	.....	.....	.....	.....	.....	110	1,110
Females under 18 years of age.....	.....	.....	1	2	10	7	4	.....	.....	.....	.....	.....	.....	.....	24
TRADE—															
Offices.....	6	1	.....	.....	3	3	4	1	2	20	7	12	14	.....	67
Males 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	36
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	1	2	5	4	11	13	.....	29
Males under 18 years of age.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	1	.....	1
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Retail and Wholesale Stores.....	92	2	3	8	18	20	33	31	52	31	33	46	28	13	234
Males 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	1	6	10	11	30	25	13	97
Females 18 years of age or over.....	.....	1	2	8	18	20	32	29	46	23	22	16	1	.....	254
Males under 18 years of age.....	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	3
TRUMBULL COUNTY															
ALL INDUSTRIES															
Males 15 years of age or over.....	191	1	1	11	15	28	37	33	86	107	108	120	63	31	639
Females 18 years of age or over.....	.....	.....	.....	2	5	3	6	3	18	46	76	104	56	31	343
Males under 18 years of age.....	.....	1	.....	5	21	21	31	23	68	60	30	16	6	.....	272
Females under 18 years of age.....	.....	.....	1	.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	16
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
MANUFACTURES—															
Copper, Tin and Sheet Iron Products.....	7	.....	.....	.....	3	2	4	5	8	9	6	12	6	.....	55
Males 15 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	1	2	3	3	12	6	.....	36
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	4	6	6	.....	.....	.....	.....	28
Males under 18 years of age.....	.....	.....	.....	.....	1	2	3	4	6	.....	.....	.....	.....	.....	26
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7

Foundry and Machine Shop Products...	14	.....	.....	.....	1	.....	4	.....	6	12	27	31	46	27	16	170
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	3	.....	2	7	18	27	43	26	16	133
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	1	.....	3	5	8	4	3	2	.....	28
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	4
Steel Works and Rolling Mills.....	7	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	128
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	5	.....	.....	15	20	22	25	13	10	84
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	3	.....	.....	4	7	19	22	12	10	41
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	3	.....	.....	11	13	3	3	1	.....	3
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TUSCARAWAS COUNTY

ALL INDUSTRIES	153	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	245
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	91
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1

Bread and other Bakery Products.....	369	17	14	19	50	63	53	74	58	142	217	262	127	22	1,118
Males 18 years of age or over.....	.....	.....	.....	1	2	.....	4	5	21	131	215	261	127	22	1,739
Females 18 years of age or over.....	.....	14	13	13	45	62	46	69	36	10	2	1	.....	.....	811
Males under 18 years of age.....	.....	.....	.....	.....	3	1	3	.....	1	1	.....	.....	.....	.....	15
Females under 18 years of age.....	.....	3	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
Confectionery and Ice Cream.....	108	6	1	9	21	31	29	16	21	15	16	7	4	.....	176
Males 18 years of age or over.....	.....	1	.....	.....	.....	3	.....	5	6	9	13	6	.....	.....	146
Females 18 years of age or over.....	.....	4	1	9	20	28	23	11	15	6	3	2	.....	.....	127
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	260
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	245
Slaughtering and Meat Packing.....	81	1	.....	1	2	2	1	.....	4	16	74	115	24	11	260
Males 18 years of age or over.....	.....	.....	.....	1	2	.....	.....	.....	.....	13	73	115	24	11	245
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	.....	.....	.....	4
Males under 18 years of age.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Food and Kindred Products, not otherwise classified.....	653	.....	.....	.....	2	3	2	6	17	34	66	30	24	8	192
Males 18 years of age or over.....	.....	.....	.....	.....	.....	2	2	6	13	52	64	30	24	8	192
Females 18 years of age or over.....	.....	.....	.....	.....	2	.....	.....	.....	.....	2	.....	.....	.....	.....	17
Males under 18 years of age.....	.....	.....	3	3	1	1	1	2	3	12	15	35	61	79	271
Females under 18 years of age.....	.....	.....	1	2	.....	.....	1	1	6	3	14	35	61	79	207
Iron and Steel and their Products.....	1,419	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Males under 18 years of age.....	.....	.....	2	1	1	1	.....	2	7	10	8	22	39	51	167
Females under 18 years of age.....	.....	.....	3	3	.....	.....	.....	1	4	6	8	22	39	51	134
Furniture and Machine Shop Products.....	915	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73
Iron and Steel and their Products, not otherwise classified.....	504	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Leather and its Finished Products.....	178	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liquors and Beverages.....	198	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liquors, Malt.....	109	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liquors and Beverages, not otherwise classified.....	89	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lumber and its Remnants.....	811	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Metal and Metal Products, other than Iron and Steel.....	309	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paper and Printing.....	900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE III—Continued.
THE STATE—Continued.

Industry, Sex and Age.	Number of establishments reporting.	Number of salespeople (not traveling) at each classified rate of wages per week.													Total.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	
MANUFACTURES—Continued.															
Printing and Publishing.....	717	20		7	13	21	15	14	51	80	80	114	115	91	621
Males 15 years of age or over.....	3			7	3	6	7	8						91	532
Females 18 years of age or over.....	1				8	14	8	6	9	10	5	3		91	70
Males under 18 years of age.....	16				2	1									19
Paper and Printing, not otherwise classified.....	183														
Males 15 years of age or over.....									2	3	4	6	19	2	26
<i>Rubber Products</i>	61								2	3	4	6	19	2	26
Males 15 years of age or over.....															17
Females 18 years of age or over.....															16
<i>Stone, Clay and Glass Products</i>	730				1		1		5	2		1	4	6	1
Males 15 years of age or over.....															51
Females 18 years of age or over.....									1			7	12	15	40
Males under 18 years of age.....									5	2		7	15	1	10
<i>Textiles</i>	687				1		1								1
Males 15 years of age or over.....	1	2		2	10	4	11	11	22	29	35	95	57	33	267
Females 18 years of age or over.....				1	6	2	2	9	16	20	31	84	53	37	225
Males under 18 years of age.....									6	9	4	1	4	1	22
Females under 18 years of age.....															3
<i>Millinery and Lace Goods</i>	23				1	2									1
Males 15 years of age or over.....				1					13	11	14	19	14	10	101
Females 18 years of age or over.....					1		4	1	5	3	11	18	11	9	73
Males under 18 years of age.....									2	3	3	1	3	1	17
<i>Textiles, not otherwise classified</i>	644				1	3	3	3	3	18	71	76	43	23	263
Males 15 years of age or over.....	1	2		1		2	3	5	9	17	70	76	42	28	263
Females 18 years of age or over.....									1	1	1		1		10
Males under 18 years of age.....															2
Females under 18 years of age.....															3
<i>Tobacco Manufactures</i>	246				1										1
Males 15 years of age or over.....															1
Females 18 years of age or over.....															1
Males under 18 years of age.....															1
Females under 18 years of age.....															1
<i>Vehicles for Land Transportation</i>	332														1
Males 15 years of age or over.....															1
Females 18 years of age or over.....															1
Males under 18 years of age.....															1
Females under 18 years of age.....															1
<i>Miscellaneous Manufactures</i>	640				5	20	26	21	62	51	67	117	58	35	476
Males 15 years of age or over.....					2	3	3	2	11	27	46	106	58	34	294
Females 18 years of age or over.....					2	12	23	21	51	24	21	11	3	1	171
Males under 18 years of age.....					1										3
Females under 18 years of age.....															8

TABLE III—Continued.
THE STATE—Concluded.

Industry, Sex and Age.	Number of establishments reporting.	Number of salespeople (not travelling) at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12. but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
TRANSPORTATION AND PUBLIC UTILITIES—Concluded.															
Electric Light and Power.....	104	.....	.....	.....	.....	.....	.....	.....	2	8	23	50	23	7	117
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	1	8	28	50	23	7	116
Females 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Transportation and Public Utilities, not otherwise classified.....	907	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males 18 years of age or over.....	.....	5	1	1	.....	2	3	.....	2	1	16	26	5	4	66
Females 18 years of age or over.....	.....	5	1	1	.....	2	3	.....	2	1	16	26	5	4	66
ALLEN COUNTY															
ALL INDUSTRIES															
Males 18 years of age or over.....	235	1	51	54	75	49	29	13	62	63	65	63	30	9	533
Females 18 years of age or over.....	.....	.....	1	1	5	4	1	5	13	53	55	53	27	9	343
Males under 18 years of age.....	.....	1	44	43	63	45	24	13	44	10	10	.....	3	.....	303
Females under 18 years of age.....	.....	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Males under 18 years of age.....	.....	.....	4	9	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
TRADE—															
Retail and Wholesale Stores.....	56	1	59	54	75	42	29	13	60	46	51	57	24	5	512
Males 18 years of age or over.....	.....	.....	1	1	5	4	1	5	17	36	42	54	27	5	396
Females 18 years of age or over.....	.....	.....	43	43	63	33	24	13	43	10	9	.....	3	.....	236
Males under 18 years of age.....	.....	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Females under 18 years of age.....	.....	.....	4	9	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
ASHTABULA COUNTY															
ALL INDUSTRIES															
Males 18 years of age or over.....	152	3	9	24	26	10	13	6	13	13	21	21	8	1	173
Females 18 years of age or over.....	.....	1	1	.....	.....	3	2	3	6	9	19	20	8	1	79
Males under 18 years of age.....	.....	1	8	24	26	7	15	3	12	4	2	1	.....	.....	104
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[illegible]

BELMONT COUNTY

	No.	Males	Females	Total
ALL INDUSTRIES	151	8	16	24
Males 18 years of age or over.....		..	..	..
Females 18 years of age or over.....		8	16	24
Males under 18 years of age.....		..	..	..
Females under 18 years of age.....		..	..	..
TRADE—				
Retail and Wholesale Stores.....	23	7	16	23
Males 18 years of age or over.....		..	..	..
Females 18 years of age or over.....		7	16	23
Males under 18 years of age.....		..	..	..
Females under 18 years of age.....		..	..	..

BUTLER COUNTY

ALL INDUSTRIES	283	3	69	43	60	51	26	29	29	43	53	57	20	13	506
Males 18 years of age or over.....	.....	3	3	4	5	6	3	6	6	33	53	56	20	13	215
Females 18 years of age or over.....	.....	4	66	37	51	44	23	23	19	9	5	3	20	13	232
Males 18 years of age.....	.....	1	.....	2	.....	.....	1	.....	.....	1	.....	.....	.....	.....	7
Females under 18 years of age.....	.....	.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	5
TRADE—															
Retail and Wholesale Stores.....	74	3	69	42	53	45	26	25	27	43	43	13	4	437	
Males 18 years of age or over.....	.....	3	3	3	6	5	5	7	7	37	33	13	4	154	
Females 18 years of age or over.....	.....	1	66	37	50	43	23	15	9	9	5	2	.....	270	
Males 18 years of age.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	
Females under 18 years of age.....	.....	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	4	

CLARK COUNTY

[illegible]

TABLE III—Continued.
OLARK COUNTY—Concluded.

Industry, Sex and Age.	Number of establishments reporting.	Number of salespeople (not traveling) at each classified rate of wages per week.												
		\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 but under \$15.	\$15 but under \$16.	\$16 but under \$17.
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$11.	\$11 but under \$12.	\$12 but under \$13.	\$13 but under \$14.	\$14 but under \$15.	\$15 but under \$16.
TRADE—														
Retail and Wholesale Stores.....	75	3	14	23	63	43	31	13	30	49	54	44	19	14
Males 18 years of age or over.....	.....	3	11	2	1	3	6	4	12	26	44	39	17	13
Females 18 years of age or over.....	.....	.....	11	20	62	40	25	14	18	13	10	5	2	1
Males under 18 years of age.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
ALL INDUSTRIES	253	25	8	26	42	24	37	10	14	24	23	27	19	6
Males 18 years of age or over.....	.....	15	5	.....	35	4	1	4	5	13	20	23	13	6
Females 18 years of age or over.....	.....	4	3	24	2	20	35	6	9	11	2	4	1	.....
Males under 18 years of age.....	.....	.....	.....	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
TRADE—														
Retail and Wholesale Stores.....	49	25	8	26	42	24	37	10	14	23	18	27	14	268
Males 18 years of age or over.....	.....	15	5	.....	35	4	1	4	5	13	16	23	13	36
Females 18 years of age or over.....	.....	4	3	24	2	20	35	6	9	10	2	4	1	158
Males under 18 years of age.....	.....	.....	.....	2	1	.....	1	.....	.....	.....	.....	.....	.....	11
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
ALL INDUSTRIES	2,955	10	16	304	594	1,064	765	634	851	1,169	1,223	1,303	865	9,237
Males 18 years of age or over.....	.....	.....	2	33	58	40	88	59	229	707	954	1,176	825	4,906
Females 18 years of age or over.....	.....	5	11	214	528	983	669	533	622	462	269	127	40	4,474
Males under 18 years of age.....	.....	.....	2	16	20	13	4	2	.....	.....	.....	.....	.....	82
Females under 18 years of age.....	.....	.....	1	42	20	28	4	.....	.....	.....	.....	.....	.....	95

MANUFACTURES—

Bread and other Bakery Products.....	56	5					4	22	21	47	27	49	83	111	71	17	467
Males 18 years of age or over.....							1			1	1	46	83	110	71	17	329
Females 18 years of age or over.....							3	22	21	46	26	4	46	1		17	128
Butter, Cheese and Condensed Milk.....	5																64
Males 18 years of age or over.....																	50
Females 18 years of age or over.....																	4
Clothing, Men's, including Shirts.....	27																74
Males 18 years of age or over.....																	52
Females 18 years of age or over.....																	3
Confectionery and Ice Cream.....	20						5	6	13	9	10	5	1	2	1	6	74
Males 18 years of age or over.....																	49
Females 18 years of age or over.....							5	6	13	9	9	4	1	2			74
Electrical Machinery, Apparatus and Supplies.....	38						6										198
Males 18 years of age or over.....																	68
Females 18 years of age or over.....																	124
Females under 18 years of age.....							2	4									8
Foundry and Machine Shop Products.....	206																50
Males 18 years of age or over.....																	46
Females 18 years of age or over.....																	4
Millinery and Lace Goods.....	6						1	2									79
Males 18 years of age or over.....																	15
Females 18 years of age or over.....																	238
Printing and Publishing.....	111						1	3	3	5	23	37	26	41	38	47	232
Males 18 years of age or over.....																	9
Females 18 years of age or over.....																	2
Males under 18 years of age.....							1	1	1								119
Slaughtering and Meat Packing.....	18																119
Males 18 years of age or over.....																	4
SERVICE—																	
Garages.....	34																74
Males 18 years of age or over.....																	74
Laundries and Dry Cleaners.....	41																142
Males 18 years of age or over.....																	117
Females 18 years of age or over.....																	24
Males under 18 years of age.....																	1
TRADE—																	
Offices.....	79																157
Males 18 years of age or over.....																	157
Retail and Wholesale Stores.....	415																8,913
Males 18 years of age or over.....																	2,692
Females 18 years of age or over.....																	4,062
Males under 18 years of age.....																	56
Females under 18 years of age.....																	84
Yards, Coal and Lumber.....	83																90
Males 18 years of age or over.....																	79
Females 18 years of age or over.....																	1
TRANSPORTATION AND PUBLIC UTILITIES—																	
Electric Light and Power.....	4																56
Males 18 years of age or over.....																	56

TABLE III—Continued.

FRANKLIN COUNTY

Industry, Sex and Age.	Number of establishments reporting.	Number of salespeople (not traveling) at each classified rate of wages per week.													
		\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.	
		Under \$4.													
ALL INDUSTRIES															
Males 18 years of age or over.....	1,123	26	30	142	277	229	212	159	282	335	356	418	224	107	2,777
Females 18 years of age or over.....		4	3	7	29	20	23	33	113	206	279	377	208	106	1,413
Males under 18 years of age.....		16	21	132	248	205	180	126	148	128	77	41	16	2	1,342
Females under 18 years of age.....		3	6	1	1	1	2	1	1	2	15			8	15
MANUFACTURES															
Bread and other Bakery Products.....	23				1	1	2		2	14	33	38	17		106
Males 18 years of age or over.....						1	1		1	13	33	38	17		101
Females 18 years of age or over.....					1									4	4
Males under 18 years of age.....										1	6	16	16	9	41
Printing and Publishing.....	45	1		1		6	4	3	2	6	6	16	16	9	70
Males 18 years of age or over.....				1		1	2	3	1	6	6	16	16	9	58
Females 18 years of age or over.....		1				5	2	3	1						12
TRADE															
Retail and Wholesale Stores.....	271	25	30	141	273	218	203	153	244	283	273	299	150	68	2,350
Males 18 years of age or over.....		4	3	6	27	18	26	21	100	165	200	258	134	56	1,023
Females 18 years of age or over.....		16	21	132	246	199	176	121	143	127	73	41	16	2	1,311
Males under 18 years of age.....		3		1	1		1			1				7	7
Females under 18 years of age.....		3	6	2			1	1	1						14

HAMILTON COUNTY

ALL INDUSTRIES	3,125	69	117	457	974	682	522	382	752	901	898	471	7,249
Males 18 years of age or over.....	7	7	56	66	74	74	96	114	340	534	743	446	2,576
Females 18 years of age or over.....	13	68	351	872	577	7	416	242	463	273	126	25	3,444
Males under 18 years of age.....	15	15	22	11	11	4	2	3	2	3	1		48
Females under 18 years of age.....	34	26	23	35	4		7	3	7	1			145
MANUFACTURES	67	3	1	6	22	11	9	2	7	27	29	13	178
Bread and other Bakery Products.....					1			1		25	47	13	121
Males 18 years of age or over.....													

Industry	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010	2020
SERVICE—														
Laundries and Dry Cleaners.....	40	1	9	7	9	4	5	31	7	6	4			
Males 18 years of age or over.....					6	1	2	23	7	6	4			
Females 18 years of age or over.....		1	8	7	3	3	3							
Females under 18 years of age.....			1											
TRADE—														
Onces.....	70													
Males 18 years of age or over.....					1		2	13	73	23	4	7	123	123
Females 18 years of age or over.....					470		2	13	73	23	4	7	123	123
Retail and Wholesale Stores.....	666	63	913	615	328		681	734	617	577	284	186	5,963	5,963
Males 18 years of age or over.....		6	48	65	94		288	489	500	516	262	126	2,652	2,652
Females 18 years of age or over.....		13	341	539	223		384	242	116	61	22	11	3,228	3,228
Males under 18 years of age.....		15	19	7	3		2	2	2	1	1	1	77	77
Females under 18 years of age.....		31	25	4	3		7	1	1	1	1	1	186	186
Yards, Coal and Lumber.....	91				6		2	1	7	18	17	5	51	51
Males 18 years of age or over.....					1		2	1	7	18	17	5	51	51

JEFFERSON COUNTY

ALL INDUSTRIES	132	26	10	28	38	26	25	9	35	27	18	43	13	9	308
Males 18 years of age or over	.....	.....	1	1	.....	2	4	1	5	4	16	38	13	9	182
Females 18 years of age or over	.....	8	9	27	38	24	21	8	27	13	3	8	.....	.....	182
Males under 18 years of age	.....	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
TRADE--															
Retail and Wholesale Stores	27	9	9	28	37	24	23	8	33	26	18	37	11	4	267
Males 18 years of age or over	.....	.....	1	1	.....	2	4	1	6	13	15	29	11	4	87
Females 18 years of age or over	.....	8	8	27	37	22	19	7	27	13	3	8	.....	.....	179
Males under 18 years of age	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1

LICKING COUNTY

	12	16	26	18	5	15	13	44	25	22	8	1
ALL INDUSTRIES	151	29	16	26	18	5	15	13	44	25	22	1
Males 18 years of age or over.....	11	29	15	25	18	5	11	7	33	23	8	1
Females 18 years of age or over.....	11	29	15	25	18	5	11	6	11	2	.....	.....
TRADE—												
Retail and Wholesale Stores.....	29	26	16	26	17	5	12	11	31	18	4	185
Males 18 years of age or over.....	11	26	15	25	17	5	10	6	20	18	4	67
Females 18 years of age or over.....	11	26	15	25	17	5	10	6	11	2	.....	123

TABLE III—Continued.

LOBAIN COUNTY

Industry, Sex and Age.	Number of establishments reporting.	Number of salespeople (not traveling) at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12. but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
ALL INDUSTRIES															
Males 18 years of age or over.....	245	16	43	42	23	19	16	9	22	36	47	41	8	3	224
Females 18 years of age or over.....	1	.....	2	1	.....	3	4	12	29	41	26	8	2	189
Males under 18 years of age.....	10	41	40	22	19	13	5	10	6	6	5	.....	1	173
Females under 18 years of age.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Females under 18 years of age.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
TRADE—															
Retail and Wholesale Stores.....	47	16	43	42	22	18	15	9	19	31	38	32	4	1	290
Males 18 years of age or over.....	1	.....	2	1	.....	3	4	9	26	34	27	4	.....	110
Females 18 years of age or over.....	10	41	40	21	18	12	5	10	6	4	6	.....	1	173
Males under 18 years of age.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Females under 18 years of age.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3

LUCAS COUNTY

ALL INDUSTRIES	1,084	3	8	127	318	329	262	192	294	343	427	479	190	102	3,074
Males 18 years of age or over.....	.....	2	.....	2	17	21	23	54	114	226	360	448	183	92	1,542
Females 18 years of age or over.....	.....	1	7	110	289	287	233	126	176	111	66	31	7	10	1,452
Males under 18 years of age.....	.....	.....	1	14	12	17	6	13	6	6	1	.....	.....	.....	74
Females under 18 years of age.....	.....	.....	.....	1	.....	4	1	.....	.....	.....	.....	.....	.....	.....	6
MANUFACTURES—															
Bread and other Bakery Products.....	23	.....	.....	2	7	4	7	3	4	12	18	23	11	2	103
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78
Females 18 years of age or over.....	.....	.....	.....	2	7	4	6	3	3	1	18	33	11	2	24
Females under 18 years of age.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Printing and Publishing.....	40	.....	.....	.....	6	6	1	3	6	13	15	14	20	7	92
Males 18 years of age or over.....	.....	.....	.....	.....	1	1	1	2	5	5	9	11	20	7	70
Females 18 years of age or over.....	.....	.....	.....	.....	6	6	1	1	1	4	4	.....	.....	.....	22
TRADE—															
Offices.....	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	81
Males 18 years of age or over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	81

TABLE III—Concluded.
MUSKINGUM COUNTY—Concluded.

Industry, Sex and Age.	Number of establishments reporting.	Number of salespeople (not travelling) at each classified rate of wages per week.													
		Under \$4.	\$4 but under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12. but under \$15.	\$15 but under \$18.	\$18 but under \$25.	\$25 but under \$35.	\$35 and over.	Total.
STARK COUNTY															
TRADE—															
Retail and Wholesale Stores.....	60	10	21	55	44	38	26	14	30	44	44	82	14	2	374
Males 18 years of age or over.....		3	1	4	4	11	6	7	14	29	42	28	13	2	163
Females 18 years of age or over.....		4	19	51	29	28	21	7	16	15	2	4	1		246
Males under 18 years of age.....		3	1		1	1									6
ALL INDUSTRIES.....															
Males 18 years of age or over.....	581	14	97	106	138	117	86	44	82	96	142	128	68	38	1,153
Females 18 years of age or over.....		6	3	2	4	8	5	3	30	60	117	120	63	36	467
Males under 18 years of age.....		6	91	100	130	107	80	40	53	36	25	8	5		680
Females under 18 years of age.....		2	1		3	2		1							9
Females under 18 years of age.....			2	4	1										7
TRADE—															
Retail and Wholesale Stores.....	114	11	90	102	133	109	81	40	67	78	99	92	45	20	967
Males 18 years of age or over.....		5	3	2	4	6	4	3	21	43	76	84	40	20	310
Females 18 years of age or over.....		6	87	100	129	103	77	37	46	35	24	8	5		667
SUMMIT COUNTY															
ALL INDUSTRIES.....															
Males 18 years of age or over.....	511	19	50	109	166	206	105	142	130	237	196	197	135	48	1,740
Females 18 years of age or over.....		9	9	1	7	7	24	23	59	167	169	175	129	47	832
Males under 18 years of age.....			34	102	156	197	81	113	71	69	27	23	6	1	879
Females under 18 years of age.....		10	7	5	1	2				1					21
Females under 18 years of age.....					2										8
TRADE—															
Retail and Wholesale Stores.....	92	19	50	105	158	201	91	127	123	227	180	174	112	37	1,604
Males 18 years of age or over.....		9	9	1	7	6	13	23	57	161	154	163	106	36	836
Females 18 years of age or over.....			34	98	148	194	78	96	66	65	26	21	6	1	836
Males under 18 years of age.....		10	7	1	1	1				1					20
Females under 18 years of age.....				4	2										7

TRUMBULL COUNTY

ALL INDUSTRIES	191	4	2	4	19	17	11	13	15	22	16	11	9	3	145
Males 18 years of age or over.....	.....	2	2	2	2	1	.....	1	6	10	13	11	9	3	60
Females 18 years of age or over.....	.....	2	2	2	17	16	11	11	9	12	3	.....	.....	.....	84
Males under 18 years of age.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
TRADE—															
Retail and Wholesale Stores.....	24	4	2	4	19	17	11	12	14	21	16	10	9	.....	139
Males 18 years of age or over.....	.....	2	.....	2	2	1	.....	1	6	9	13	10	9	.....	64
Females 18 years of age or over.....	.....	1	2	2	17	16	11	11	9	12	3	.....	.....	.....	84
Males under 18 years of age.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1

TUSCARAWAS COUNTY

ALL INDUSTRIES	153	3	18	17	27	19	10	6	10	18	9	13	2	.....	152
Males 18 years of age or over.....	.....	2	.....	2	23	18	10	4	4	2	2	2	.....	.....	96
Females 18 years of age or over.....	.....	1	15	15	23	18	10	4	4	2	2	2	.....	.....	96
Males under 18 years of age.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
TRADE—															
Retail and Wholesale Stores.....	22	3	18	17	27	19	9	6	8	18	8	10	1	.....	144
Males 18 years of age or over.....	.....	2	.....	2	4	1	.....	2	4	16	6	8	1	.....	46
Females 18 years of age or over.....	.....	1	15	15	23	18	9	4	4	2	2	2	.....	.....	95
Males under 18 years of age.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3

TABLE IV—FLUCTUATION IN NUMBER OF WAGE EARNERS EMPLOYED, BY INDUSTRIES.

(The first section of this table presents data for the State and the second section for each of the 20 counties having a population of 50,000 or over in 1910. For the State every industry is shown for which three or more establishments reported and 200 or more wage earners are represented, and for each of the counties indicated every industry is shown for which three or more establishments reported and 100 or more wage earners are represented. The manufacturing industries are grouped alphabetically under sub-groups for the State, and alphabetically under the general group "Manufactures," and without sub-groups for each of the 20 counties.)

THE STATE

Industry and Sex.	Number of estab-lish-ments report-ing.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.
ALL INDUSTRIES	17,931	546,163	560,725	585,972	611,992	628,613	647,787	653,116	662,690	685,425	686,976	690,686	701,081	154,918	22.1
Males	454,834	466,528	489,457	516,090	533,553	551,195	561,195	557,476	566,279	585,496	584,919	588,193	593,681	143,947	24.0
Females	91,329	94,197	96,515	95,902	95,060	96,582	96,582	94,640	96,311	99,939	102,067	101,693	102,400	11,071	10.8
AGRICULTURE	270	2,019	2,042	2,396	2,885	3,159	3,222	3,797	3,261	3,003	2,940	2,698	2,313	1,778	46.8
Males	1,860	1,889	2,235	2,798	2,948	2,964	2,964	3,393	3,062	2,819	2,762	2,449	2,168	1,533	45.2
Females	139	153	161	187	211	258	258	404	199	184	178	149	146	239	64.1
Dairy Farming	30	244	240	235	251	253	253	271	266	278	278	259	235	48	15.5
Males	235	231	226	241	243	248	248	251	256	268	269	249	225	44	16.4
Females	9	9	9	10	10	10	10	10	10	10	9	10	10	1	(a)
Florists, Fruit Growers, Nurserymen and Seedmen	96	972	995	1,279	1,634	1,554	1,350	1,732	1,354	1,207	1,341	1,194	1,055	760	48.9
Males	863	887	1,165	1,500	1,422	1,227	1,227	1,447	1,280	1,110	1,236	1,100	966	642	42.8
Females	114	108	114	134	132	123	123	285	94	97	105	94	99	191	67.0
General Farming	126	781	781	858	1,076	1,335	1,500	1,734	1,559	1,440	1,269	1,092	970	853	55.0
Males	745	745	820	1,052	1,266	1,455	1,655	1,825	1,464	1,363	1,205	1,047	934	880	54.2
Females	38	36	38	43	69	180	125	109	95	77	64	45	36	89	71.2
Agriculture, not otherwise classified	20	22	26	24	25	17	24	60	82	73	52	53	53	66	(a)
Males	23	25	24	25	17	17	24	60	82	73	52	53	53	66	(a)
CONSTRUCTION	3,219	23,695	22,668	28,172	37,814	44,135	46,441	50,395	51,453	54,470	53,323	50,595	41,658	31,912	58.4
Males	2,669	22,641	22,641	28,144	37,783	44,101	46,409	50,364	51,425	54,436	53,284	50,546	41,620	31,796	58.4
Females	550	1,054	1,027	1,328	1,731	2,034	2,032	2,031	1,028	1,044	1,043	1,049	1,038	916	(a)
Brick, Stone and Cement Work	337	1,646	1,420	2,043	2,725	3,014	3,241	3,272	3,555	4,209	3,673	3,357	2,493	2,789	66.3
Males	1,546	1,546	1,420	2,043	2,725	3,014	3,241	3,272	3,555	4,209	3,673	3,357	2,493	2,789	66.3
Females	88	746	718	715	747	775	738	761	822	833	875	839	876	174	19.6
Electrical Contracting	88	746	718	715	747	775	738	761	822	833	875	839	876	174	19.6
Males	746	746	718	715	747	775	738	761	822	833	875	839	876	174	19.6
Females	142	142	142	142	142	142	142	142	142	142	142	142	142	142	(a)
Gasworks	1,231	10,227	9,857	13,052	17,717	21,140	22,741	24,806	24,243	25,706	25,159	25,274	21,815	15,949	61.7
General Contracting	199	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	32.1
Oil and Gas Drilling	159	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	32.1
Males	159	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	2,596	32.1
Painting and Decorating	213	832	837	1,255	1,852	2,171	1,907	1,907	1,907	1,907	1,907	1,907	1,907	1,907	61.7
Males	213	832	837	1,255	1,852	2,171	1,907	1,907	1,907	1,907	1,907	1,907	1,907	1,907	61.7

TABLE IV—Continued.
THE STATE—Continued.

Industry and Sex.	Number of estab-lish-ments report-ing.	Number of wage earners employed on the 15th of each month.												Variation from maximum.		
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.	
MANUFACTURES—Continued.																
Petroleum Refining																
Males	11	1,251	1,225	1,252	1,287	1,365	1,392	1,332	1,334	1,447	1,566	1,728	1,903	578	32.1	
Females		1,959	1,224	1,245	1,279	1,263	1,296	1,329	1,331	1,444	1,563	1,755	1,902	578	32.1	
Salt	8	777	750	781	805	804	789	824	878	949	940	922	1,036	276	26.9	
Males		697	669	701	735	726	709	755	802	835	808	808	932	283	28.2	
Females		80	81	80	79	78	80	79	76	94	108	94	94	38	33.3	
Soap and Candles																
Males	23	2,356	2,418	2,391	2,383	2,322	2,379	2,379	2,369	2,488	2,559	2,584	2,534	252	9.8	
Females		1,861	1,901	1,856	1,857	1,843	1,836	1,802	1,793	1,837	1,958	1,999	1,956	206	10.3	
Chemicals and Allied Products, not otherwise classified	31	495	517	535	526	489	543	577	576	591	601	585	578	112	18.6	
Males		369	374	373	403	405	386	410	364	392	412	435	469	105	22.4	
Females		334	337	328	355	357	342	369	323	346	375	393	433	110	25.4	
Food and Kindred Products																
Males	1,198	35	45	48	46	44	44	41	41	36	37	37	36	14	(6)	
Females		19,463	19,224	19,015	18,552	18,898	20,379	20,176	21,776	25,282	23,638	23,237	22,631	6,710	26.6	
Bread and other Bakery Products	366	4,014	4,143	4,188	4,061	4,159	4,733	4,472	4,981	6,643	6,253	5,715	5,331	2,539	38.6	
Males		5,215	5,217	5,216	6,116	6,253	5,302	5,287	6,217	6,287	6,372	6,478	6,434	382	6.6	
Females		3,913	3,895	3,904	3,810	3,868	3,895	3,907	3,863	3,867	3,910	4,067	4,084	247	6.1	
Butter, Cheese and Condensed Milk	109	1,351	1,302	1,302	1,368	1,484	1,556	1,570	1,541	1,503	1,441	1,427	1,377	309	19.7	
Males		1,183	1,106	1,230	1,322	1,368	1,460	1,469	1,446	1,408	1,330	1,309	1,258	276	18.6	
Females		68	75	72	76	76	96	101	96	95	111	118	119	51	42.9	
Canning and Preserving Fruits and Vegetables	90	493	590	717	744	857	1,832	1,683	2,932	5,596	2,625	1,436	983	5,006	89.5	
Males		416	391	463	527	531	627	1,148	1,012	2,054	3,631	1,568	917	3,140	88.9	
Females		187	199	259	217	259	684	684	576	878	2,065	1,067	519	1,878	90.9	
Coffee, Spices and Peanuts, Roasting and Grinding	35	1,081	1,073	1,065	1,090	1,082	1,086	1,087	1,135	1,170	1,172	1,161	1,156	108	9.0	
Males		645	639	634	655	645	649	666	670	683	682	681	682	53	8.4	
Females		436	434	432	435	437	437	431	466	467	469	470	464	56	11.6	
Confectionery	104	2,639	2,677	2,701	2,686	2,763	2,787	2,711	2,933	3,490	4,071	3,950	3,774	1,332	25.2	
Males		1,190	1,160	1,169	1,190	1,242	1,298	1,308	1,322	1,496	1,551	1,455	1,353	391	35.2	
Females		1,469	1,517	1,532	1,535	1,521	1,508	1,498	1,611	2,004	2,520	2,495	2,381	1,177	44.3	
Cordials and Syrups	6	238	233	238	246	247	246	249	239	245	260	286	285	17	28.9	
Males		101	102	106	101	104	104	88	90	87	87	95	94	18	17.1	
Females		136	121	133	145	141	143	152	119	142	161	179	191	72	57.7	

Flour Mill and Grist Mill Products.....	363	2,527	2,477	2,327	2,405	2,398	2,447	2,038	2,649	2,655	2,736	2,721	389	14.6
Males .....	.....	2,519	2,469	2,329	2,399	2,353	2,442	2,620	2,641	2,649	2,730	2,715	401	14.7
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	(a)
Food Preparations	17	1,094	1,008	984	789	828	979	940	1,059	1,047	1,110	1,055	321	23.9
Males .....	.....	1,094	1,008	984	789	828	979	940	1,059	1,047	1,110	1,055	321	23.9
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Slaughtering and Meat Packing	81	4,424	4,112	3,547	3,535	3,716	3,779	3,643	3,608	3,640	3,965	4,270	156	44.1
Males .....	.....	4,424	4,112	3,547	3,535	3,716	3,779	3,643	3,608	3,640	3,965	4,270	156	44.1
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sugar	5	103	107	103	103	103	103	103	103	103	103	103	56	45.3
Males .....	.....	103	107	103	103	103	103	103	103	103	103	103	56	45.3
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Food and Kindred Products, not other- wise classified	22	339	335	331	329	392	313	317	328	341	369	354	67	13.2
Males .....	.....	339	335	331	329	392	313	317	328	341	369	354	67	13.2
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iron and Steel and their Products	1,334	141,309	155,543	161,346	163,752	171,416	173,955	178,299	184,823	186,112	191,441	201,972	80,663	30.0
Males .....	.....	141,309	155,543	161,346	163,752	171,416	173,955	178,299	184,823	186,112	191,441	201,972	80,663	30.0
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Blast Furnace Products	30	2,053	2,046	2,062	2,140	2,213	2,182	2,168	2,163	2,283	3,414	3,544	691	19.5
Males .....	.....	2,053	2,046	2,062	2,140	2,213	2,182	2,168	2,163	2,283	3,414	3,544	691	19.5
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bolts, Nuts, Washers and Rivets, not made in Steel Works or Rolling Mills. Males	18	3,389	3,457	3,905	4,785	4,932	3,873	3,905	4,055	4,170	4,266	4,504	1,417	29.6
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cash Registers and Calculating Ma- chines	14	4,258	5,116	5,122	5,151	5,331	5,180	5,093	4,837	4,698	4,739	4,776	633	11.9
Males .....	.....	4,258	5,116	5,122	5,151	5,331	5,180	5,093	4,837	4,698	4,739	4,776	633	11.9
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cutlery and Tools	41	2,548	2,468	2,567	2,597	2,718	2,690	2,814	3,004	3,253	3,403	3,538	89	17.2
Males .....	.....	2,548	2,468	2,567	2,597	2,718	2,690	2,814	3,004	3,253	3,403	3,538	89	17.2
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Doors and Shutters	8	445	431	423	410	406	433	486	476	489	497	518	88	30.0
Males .....	.....	445	431	423	410	406	433	486	476	489	497	518	88	30.0
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Forgings	41	4,457	4,757	4,985	5,276	5,904	5,750	6,144	6,484	6,965	7,363	7,861	3,416	43.3
Males .....	.....	4,457	4,757	4,985	5,276	5,904	5,750	6,144	6,484	6,965	7,363	7,861	3,416	43.3
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Foundry and Machine Shop Products	900	63,196	69,512	71,465	73,642	77,519	72,226	75,919	76,280	7,728	7,128	7,633	3,366	44.0
Males .....	.....	63,196	69,512	71,465	73,642	77,519	72,226	75,919	76,280	7,728	7,128	7,633	3,366	44.0
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE IV—Continued.
THE STATE—Continued.

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
MANUFACTURES—Continued.															
Sewing Machines, Cases and Attach-ments	3	1,849	1,882	1,917	1,928	1,942	1,888	1,817	1,629	1,874	2,042	2,181	2,391	762	51.9
Males	1,796	1,827	1,862	1,879	1,891	1,834	1,834	1,769	1,581	1,819	1,969	2,067	2,241	680	20.5
Females	53	55	55	49	51	54	54	48	48	55	73	114	150	102	48.0
Springs, Steel, Car and Carriage	6	1,170	1,215	1,325	1,315	1,652	1,720	1,966	2,185	2,393	2,530	2,650	2,595	1,490	55.8
Males	1,170	1,215	1,325	1,315	1,652	1,720	1,966	2,185	2,393	2,530	2,530	2,650	2,595	1,490	55.8
Steel Works and Rolling Mills	56	38,932	40,761	42,313	45,099	44,574	47,611	48,927	49,032	50,950	49,735	52,421	54,980	16,068	20.2
Males	38,883	40,710	42,281	45,040	44,507	47,541	48,927	49,032	50,950	50,950	49,735	52,421	54,980	16,068	20.2
Females	59	54	62	59	59	67	70	70	72	79	85	85	85	77	23
Stoves and Furnaces	88	7,048	7,962	8,346	8,341	8,247	8,106	7,076	7,465	7,968	8,367	8,593	8,530	1,548	18.0
Males	6,991	7,904	8,282	8,277	8,178	8,042	7,017	7,076	7,465	7,968	8,367	8,592	8,467	1,541	18.1
Females	57	58	64	64	69	64	69	69	67	73	84	85	63	6	(a)
Tin Plate and Terneplate	5	2,139	2,990	3,257	3,490	3,389	3,361	3,064	3,197	3,191	3,269	2,937	2,438	1,321	53.2
Males	2,095	2,897	3,141	3,337	3,267	3,228	2,948	3,184	3,073	3,124	3,103	2,877	2,316	1,172	88.1
Females	44	93	116	123	122	123	116	113	113	116	116	113	120	149	39.8
Wire	5	1,759	1,763	1,809	1,882	1,699	1,961	1,961	1,920	1,990	2,126	2,179	2,233	624	27.9
Males	1,749	1,756	1,801	1,886	1,692	2,020	1,960	1,960	1,907	1,976	2,113	2,167	2,220	618	27.5
Females	10	8	8	6	7	7	8	9	13	14	13	12	13	8	(a)
Wirework, including Wire Rope and Cable	55	560	568	616	673	692	692	668	685	668	657	718	737	177	24.0
Males	483	494	539	597	613	614	589	589	589	578	583	630	646	163	25.2
Females	77	74	77	76	79	78	78	79	86	86	84	88	91	17	(a)
Iron and Steel and their Products, not otherwise classified	110	2,408	8,123	3,555	3,345	2,979	3,437	2,766	3,669	3,660	3,845	4,005	4,105	1,697	41.3
Males	2,256	2,967	3,378	3,161	2,785	3,239	3,364	2,564	3,469	3,469	3,638	3,704	3,992	1,616	42.3
Females	152	156	177	184	194	198	182	198	200	191	207	292	298	60	23.3
Leather and its Finished Products	174	18,317	18,134	17,784	16,677	16,389	17,024	17,444	17,815	17,531	17,317	18,641	18,546	2,157	11.8
Males	11,780	11,686	11,420	10,786	10,657	10,839	11,398	11,938	11,823	11,208	10,916	11,497	11,710	1,233	10.9
Females	6,537	6,448	6,364	5,791	5,962	6,185	6,346	6,346	6,492	6,313	6,401	6,634	6,836	1,045	15.3
Boots and Shoes, including Cut Stock and Findings	80	14,438	14,396	11,000	12,929	12,868	13,605	13,824	14,163	13,905	13,941	14,609	15,083	2,295	14.8
Males	8,773	8,623	2,368	7,812	7,660	8,073	8,135	8,324	8,624	8,207	8,277	8,677	8,953	1,293	14.4
Females	5,665	5,773	5,632	5,117	5,198	5,532	5,689	5,839	5,539	5,698	5,674	6,092	6,130	1,013	16.5
Gloves and Mittens, Leather	6	567	555	542	561	556	566	570	576	578	577	568	561	69	11.3
Males	77	78	76	74	83	84	82	86	86	86	78	75	84	12	(a)
Females	490	477	466	477	472	473	488	490	490	498	498	522	527	61	11.6
Leather, Tanned, Curried and Finished	24	1,498	1,539	1,621	1,478	1,463	1,479	1,518	1,604	1,633	1,612	1,546	1,603	126	7.8
Males	1,496	1,634	1,617	1,474	1,479	1,474	1,474	1,513	1,609	1,600	1,607	1,644	1,569	135	7.8

	3	5	4	4	4	5	5	5	5	3	5	4	4	2	(a)
Females and Valises.....	229	245	263	263	272	263	260	249	248	284	249	248	248	45	16.5
Trunks and Valises.....	204	218	233	233	235	233	232	230	230	295	230	230	234	34	13.3
Males.....	25	27	30	30	34	30	28	29	28	23	29	28	23	11	(e)
Leather and its Finished Products, not otherwise classified.....															
Females.....	135	139	143	135	127	121	122	122	108	173	108	108	102	41	30.1
Males.....	124	123	127	123	127	121	122	122	108	173	108	108	102	41	30.1
Liquors and Beverages.....	188	564	569	569	569	569	569	569	569	569	569	569	569	40	22.4
Females.....	564	569	569	569	569	569	569	569	569	569	569	569	569	40	22.4
Males.....	77	73	72	72	70	74	74	74	74	74	74	74	74	41	10.7
Liquors, Distilled.....	825	313	255	255	244	240	240	240	240	240	240	240	240	41	38.3
Females.....	295	289	281	281	279	270	270	270	270	270	270	270	270	77	26.1
Males.....	30	24	24	24	26	21	21	21	21	21	21	21	21	83	(a)
Liquors, Malt.....	4,704	4,760	4,789	4,789	4,848	4,848	4,848	4,848	4,848	4,848	4,848	4,848	4,848	681	12.8
Females.....	4,690	4,745	4,774	4,774	4,833	4,833	4,833	4,833	4,833	4,833	4,833	4,833	4,833	681	12.8
Males.....	14	15	15	15	15	15	15	15	15	15	15	15	15	1	(e)
Mineral and Soda Waters.....	381	384	407	407	428	428	428	428	428	428	428	428	428	125	21.8
Females.....	384	376	389	389	408	408	408	408	408	408	408	408	408	121	24.9
Males.....	17	18	18	18	18	17	17	17	17	17	17	17	17	4	(e)
Liquors and Beverages, not otherwise classified.....	17	231	209	214	198	184	182	178	178	197	233	242	242	74	29.4
Females.....	215	227	211	214	198	177	170	168	168	184	234	242	242	74	29.4
Males.....	16	16	15	15	12	13	12	12	12	13	22	22	22	14	27.3
Lumber and its Remanufactures.....	802	24,263	25,031	25,163	25,163	25,163	25,163	25,163	25,163	25,163	25,163	25,163	25,163	2,772	10.6
Females.....	21,919	22,886	23,635	23,740	23,740	23,740	23,740	23,740	23,740	23,740	23,740	23,740	23,740	2,772	10.6
Males.....	1,370	1,377	1,396	1,423	1,423	1,423	1,423	1,423	1,423	1,423	1,423	1,423	1,423	107	7.2
Baskets and Rattan and Willow Ware.....	25	470	461	468	468	468	468	468	468	468	468	468	468	107	7.2
Females.....	286	325	317	324	324	324	324	324	324	324	324	324	324	107	7.2
Males.....	131	145	137	137	137	137	137	137	137	137	137	137	137	202	48.6
Boxes, Cigar.....	16	382	378	378	378	378	378	378	378	378	378	378	378	106	60.0
Females.....	148	147	147	147	143	138	132	134	134	134	134	134	134	40	10.0
Males.....	234	231	229	227	227	227	227	227	227	227	227	227	227	16	10.8
Females.....	20	1,291	1,288	1,277	1,235	1,247	1,223	1,278	1,319	1,773	1,201	1,345	1,345	24	9.6
and Undertak.....															
Females.....	1,291	1,288	1,277	1,277	1,235	1,247	1,223	1,278	1,319	1,773	1,201	1,345	1,345	24	9.6
Males.....	1,291	1,288	1,277	1,277	1,235	1,247	1,223	1,278	1,319	1,773	1,201	1,345	1,345	24	9.6

TABLE IV—Continued.
THE STATE—Continued.

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.
MANUFACTURES—Continued.															
Show Cases	9	236	242	246	237	228	212	212	212	208	223	226	231	38	15.4
Males	229	229	243	234	234	225	209	209	209	206	221	224	229	37	15.2
Females	3	169	165	111	165	172	3	175	165	174	146	130	162	109	(a)
Wood Preserving	3	169	165	111	165	172	3	175	165	174	146	130	162	109	53.4
Males	37	714	783	783	748	716	696	649	648	669	706	755	802	164	53.4
Wood, Turned and Carved.	37	681	757	753	714	685	631	617	613	629	669	725	764	151	19.2
Males	28	581	651	643	614	585	531	517	513	529	569	625	664	151	19.8
Females	9	100	106	70	70	100	80	80	100	90	100	100	100	10	(a)
Lumber and its Remanufactures, not otherwise classified	7	189	213	184	178	185	171	168	184	186	202	210	218	50	22.9
Males	189	189	213	184	178	185	171	168	184	186	202	210	218	50	22.9
Metals and Metal Products other than Iron and Steel	296	15,015	15,809	15,640	15,767	15,675	15,635	15,705	19,412	20,213	20,861	21,586	22,349	6,234	28.0
Males	296	15,015	15,809	15,640	15,767	15,675	15,635	15,705	15,713	16,244	16,765	17,269	17,813	4,904	37.0
Females	14	8,853	9,876	10,738	11,235	11,251	11,438	11,564	3,701	3,919	4,105	4,257	4,436	1,430	32.2
Brass and Bronze Products.	49	1,296	1,418	1,465	1,441	1,484	1,587	1,608	1,672	1,728	1,881	1,880	1,909	501	31.5
Males	12	12	13	14	11	16	14	17	17	1,737	1,881	1,880	1,909	501	31.5
Females	37	1,284	1,405	1,451	1,430	1,468	1,573	1,591	1,655	1,721	1,874	1,871	1,890	500	(a)
Clocks and Watches, including Cases and Materials	7	547	1,213	1,237	1,155	1,102	1,092	563	1,086	1,089	1,095	1,098	1,089	674	54.5
Males	547	547	1,213	1,237	1,155	1,102	1,092	563	1,086	1,089	1,095	1,098	1,089	674	54.5
Females	14	8,853	9,876	10,738	11,235	11,251	11,438	11,564	3,701	3,919	4,105	4,257	4,436	1,430	37.0
Copper, Tin and Sheet Iron Products.	144	8,784	8,702	9,449	9,422	9,310	10,089	10,384	10,384	10,484	10,914	11,375	11,685	2,219	24.6
Males	144	8,784	8,702	9,449	9,422	9,310	10,089	10,384	10,384	10,484	10,914	11,375	11,685	2,219	24.6
Females	1,069	1,114	1,114	1,233	1,233	1,341	1,341	1,341	1,341	1,341	1,341	1,341	1,417	318	22.4
Gas and Electric Fixtures and Lamps and Reflectors	40	3,512	3,653	3,853	4,198	4,085	4,196	4,196	4,380	4,380	4,503	5,077	5,388	1,874	24.8
Males	353	3,512	3,653	3,853	4,198	4,085	4,196	4,196	4,380	4,380	4,503	5,077	5,388	1,874	24.8
Females	20	1,739	1,836	1,779	1,823	1,823	1,823	1,823	1,823	1,823	1,823	2,000	2,000	924	35.4
Jewelry	20	345	357	354	354	351	357	358	358	358	358	358	358	65	17.4
Males	345	345	357	354	354	351	357	358	358	358	358	358	358	65	17.4
Females	37	37	37	36	36	38	38	38	38	38	38	38	41	10	16.6
Metals and Metal Products other than Iron and Steel, not otherwise classified	36	353	362	395	418	422	417	379	381	380	424	435	430	73	17.1
Males	350	356	380	404	413	419	410	372	373	372	403	411	408	63	15.3
Females	8	8	15	14	9	7	7	7	8	8	21	15	12	13	(a)

<i>Paper and Printing.</i>	894	25,163	25,308	25,155	25,113	25,072	24,821	24,926	25,723	26,218	26,520	26,531	1,310	6.8
Males	.....	19,390	19,412	19,327	19,236	19,241	15,990	19,165	19,676	19,930	20,083	20,166	1,186	6.9
Females	.....	6,768	5,974	5,370	5,870	5,831	5,841	5,761	6,047	6,288	6,437	6,466	1,705	10.9
Bags, Paper	6	6,368	5,863	5,370	5,870	5,831	5,841	5,761	6,047	6,288	6,437	6,466	71	16.6
Males	.....	177	171	163	166	172	185	183	183	187	187	186	22	11.8
Females	.....	187	195	212	204	207	207	213	235	242	242	234	66	27.2
Boxes, Fancy and Paper.	52	2,340	2,395	2,390	2,392	2,315	2,323	2,285	2,437	2,589	2,659	2,659	386	14.5
Males	.....	1,021	1,024	1,045	1,019	987	1,026	988	1,022	1,061	1,086	1,080	108	9.9
Females	.....	1,328	1,371	1,345	1,373	1,328	1,297	1,297	1,415	1,576	1,579	1,579	282	17.9
Paper and Wood Pulp.	51	5,013	4,949	4,981	5,019	5,102	5,120	4,984	5,333	5,308	5,388	5,393	444	8.2
Males	.....	4,322	4,321	4,350	4,356	4,480	4,477	4,408	4,648	4,615	4,682	4,686	374	8.0
Females	.....	691	628	631	663	622	643	641	685	693	706	698	55	12.0
Photo-Engraving	21	303	340	337	343	338	330	338	343	350	340	338	39	11.1
Males	.....	303	340	337	343	338	330	338	343	350	340	338	39	11.1
Females	.....	8	6	9	10	8	8	8	11	10	12	9	6	(g)
Printing and Publishing	712	15,369	15,528	15,377	15,364	15,348	15,223	15,169	15,483	15,849	15,868	15,991	832	6.2
Males	.....	12,408	12,413	12,376	12,343	12,280	12,068	12,178	12,435	12,644	12,701	12,771	682	5.3
Females	.....	2,961	3,115	3,001	3,021	3,068	3,154	2,991	3,045	3,205	3,167	3,220	266	8.3
Stereotyping and Electrotyping	20	402	406	399	396	392	376	385	390	400	393	389	31	7.6
Males	.....	394	398	392	389	373	363	360	383	394	385	390	30	7.5
Females	.....	8	8	7	7	9	7	6	7	6	8	9	4	(a)
Paper and Printing, not otherwise classified	32	1,371	1,351	1,292	1,289	1,215	1,064	1,235	1,311	1,350	1,431	1,435	351	24.5
Males	.....	1,371	1,351	1,292	1,289	1,215	1,064	1,235	1,311	1,350	1,431	1,435	351	24.5
Females	.....	684	672	658	630	628	569	619	670	689	705	717	149	20.8
Rubber Products	59	19,796	20,304	26,464	28,754	30,322	31,027	30,192	30,267	30,826	31,065	32,924	13,128	39.9
Males	.....	17,741	18,250	23,393	26,206	27,775	28,514	27,872	27,990	28,541	28,809	30,406	12,666	41.7
Females	.....	2,055	2,054	3,071	2,548	2,547	2,513	2,380	2,277	2,285	2,246	2,518	458	19.6
Stone, Clay and Glass Products	721	34,351	35,522	35,800	41,142	40,398	37,815	35,548	40,164	40,504	40,996	40,861	6,791	16.5
Males	.....	31,141	32,446	32,659	36,775	36,082	33,827	34,581	35,551	35,762	36,215	36,051	6,430	17.5
Females	.....	4,061	4,907	4,357	4,367	4,316	3,988	4,367	4,613	4,742	4,781	4,810	361	17.1
Artificial Stone	81	423	546	677	777	792	898	762	749	709	681	658	405	48.9
Males	.....	423	546	677	777	792	898	762	749	709	681	658	405	48.9
Brick and Tile	233	5,166	4,934	5,718	7,392	7,435	7,243	7,007	6,994	6,905	6,136	6,136	5,731	33.6
Males	.....	5,166	4,934	5,718	7,392	7,435	7,243	7,007	6,994	6,905	6,136	6,136	5,731	33.6
Females	.....	6,163	5,968	6,717	7,316	7,429	7,236	7,000	6,977	6,602	6,132	6,132	2,498	(a)
Cement	7	594	713	861	868	876	866	714	852	844	795	568	308	35.2
Males	.....	594	713	861	868	876	866	714	852	844	795	568	308	35.2
Females	.....	1	1	2	2	2	2	1	3	3	3	1	4	35.1

TABLE IV—Continued.
THE STATE—Continued.

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
MANUFACTURES—Continued.															
Lime	5	246	231	264	250	271	252	261	272	253	247	234	232	41	15.1
Males		246	231	264	250	271	252	261	272	253	247	234	232	41	15.1
Marble and Stone Work	78	532	619	675	734	771	730	723	733	766	788	769	731	204	24.0
Males		532	619	675	734	771	730	723	733	766	788	769	731	204	24.0
Pottery, Terra-Cotta and Fire Clay	187	16,319	17,079	18,502	18,915	19,214	18,908	18,553	19,153	19,343	19,347	19,150	19,443	3,124	18.1
Products		13,231	13,906	15,205	15,728	16,885	16,481	15,315	15,707	15,812	15,722	15,577	15,876	2,654	16.7
Males		3,088	3,173	3,297	3,187	3,329	3,327	3,238	3,446	3,531	3,625	3,573	3,567	537	14.8
Females															
Stone, Clay and Glass Products, not otherwise classified	19	841	352	396	371	382	387	390	319	407	376	401	418	99	23.7
Males		336	347	381	366	377	383	386	315	402	371	396	413	97	23.5
Females		5	5	5	5	5	4	4	4	5	5	5	6	2	(a)
Textiles	687	33,230	35,805	36,665	35,920	34,330	34,827	34,864	35,851	36,310	36,855	35,773	35,481	3,575	9.7
Males		11,463	12,257	12,622	12,531	12,119	12,333	12,355	12,650	12,608	12,716	12,510	12,559	1,253	9.9
Females		21,817	23,548	24,043	23,389	22,211	22,494	22,509	23,201	23,702	24,139	23,263	22,922	2,322	9.6
Awning, Tents and Sails	29	1,608	1,589	1,683	1,707	1,805	1,761	1,602	1,778	1,823	1,893	1,845	1,835	413	61.2
Males		198	222	243	234	263	332	254	222	186	202	195	184	179	49.3
Females		310	367	440	473	542	429	338	256	207	215	240	251	235	53.3
Bags, other than Paper	8	757	815	867	868	872	878	882	874	884	892	944	935	187	19.5
Males		235	295	301	306	305	320	324	325	329	340	348	349	64	18.3
Females		472	520	566	563	566	558	558	549	555	552	596	586	124	20.8
Clothing, Men's, including Shirts	151	8,513	8,946	9,448	9,407	9,904	9,241	9,063	9,298	9,478	9,749	9,570	9,618	1,236	14.3
Males		2,575	2,891	2,891	2,910	2,933	2,793	2,769	2,834	2,886	2,942	2,937	2,942	143	11.7
Females		5,938	6,183	6,557	6,497	6,971	6,448	6,294	6,464	6,592	6,725	6,633	6,676	787	14.7
Clothing, Women's	104	7,914	9,150	9,442	8,949	8,022	8,638	8,992	9,367	9,465	9,360	8,707	7,757	1,668	17.6
Males		2,702	3,070	3,153	2,918	2,520	2,555	3,038	3,240	3,220	3,173	2,964	2,639	720	22.3
Females		5,212	6,080	6,289	6,031	5,502	6,083	5,954	6,127	6,245	6,177	5,743	5,118	1,141	13.1
Cordage, Twine, Jute and Linen Goods	6	549	699	783	884	930	985	798	706	587	502	592	574	472	48.5
Males		66	92	107	112	108	108	92	81	76	426	509	347	421	49.0
Females		66	92	107	112	108	108	92	81	76	426	509	347	421	49.0
Cotton Goods, including Cotton Small Wares	6	221	242	245	232	239	247	258	249	267	291	234	303	72	23.8
Males		53	62	63	63	64	64	66	63	63	63	63	63	82	30.7
Females		173	180	182	169	175	183	192	186	204	204	206	213	44	26.4
Custom Tailoring, Men's and Women's	174	1,685	1,553	1,633	1,724	1,704	1,651	1,539	1,280	1,562	1,740	1,750	1,692	460	30.0
Males		696	691	733	748	748	780	680	678	714	768	768	738	387	30.1
Females		889	867	900	966	956	921	859	602	846	984	989	964	337	38.1

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TABLE IV—Continued.
THE STATE—Continued.

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.		
		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.	
MANUFACTURES—Concluded.																
Cars, Steam Railroad, not Including Operations of Railroad Companies.	9	1,183	1,223	1,096	1,062	1,126	1,171	1,929	2,132	2,706	2,969	2,774	3,054	1,972	64.6	
Males	1	1,182	1,222	1,096	1,061	1,124	1,170	1,923	2,131	2,705	2,968	2,773	3,053	1,972	64.6	
Females	1	1	1	1	1	1	1	1	1	1	1	1	1	1	.....
Cars, Street Railroad, not Including Operations of Railroad Companies.	4	403	500	439	502	555	600	683	714	792	922	995	966	592	59.5	
Males	2	401	498	437	500	553	598	691	712	789	920	992	965	591	59.6	
Females	2	2	2	2	2	2	2	2	2	3	3	3	3	1	(a)	
Vehicles for Land Transportation, not otherwise classified	2	65	76	78	79	77	68	65	67	67	65	74	76	14	(a)	
Males	1	65	76	78	79	77	68	65	67	67	65	74	76	14	(a)	
Females	1	1	1	1	1	1	1	1	1	1	1	1	1	1	(a)	
Manufacturing Industries	631	29,538	31,353	27,854	33,529	34,290	34,947	35,109	36,015	36,468	37,165	39,082	41,926	12,090	23.8	
Males	28,535	28,529	27,854	33,529	34,290	34,947	35,109	36,015	36,468	37,165	37,836	39,082	41,926	12,090	23.8	
Females	4,301	4,304	4,619	4,724	4,763	4,829	4,678	4,811	4,863	4,965	5,329	5,986	6,171	10,220	23.6	
Agricultural implements	50	4,485	4,731	4,884	4,664	4,412	4,354	4,136	3,930	3,966	3,781	4,101	4,668	1,870	30.3	
Males	4,485	4,731	4,884	4,664	4,412	4,354	4,136	3,930	3,966	3,966	3,781	4,101	4,668	1,870	30.3	
Females	28	26	23	23	24	32	33	25	32	3,974	3,763	4,073	4,640	1,096	22.5	
Brooms and Mops.	23	276	295	279	276	278	272	354	259	268	234	234	268	291	32	11.0
Males	228	245	241	237	239	232	227	227	224	232	242	250	250	26	7	10.4
Females	38	40	38	39	40	46	37	36	35	36	42	38	41	7	(a)	
Brushes	14	407	445	466	475	462	476	498	525	533	531	541	607	200	32.9	
Males	374	395	393	363	361	362	362	376	387	401	396	410	464	160	32.3	
Females	93	110	123	122	131	123	123	138	136	136	136	131	143	50	35.0	
Coke	3	330	313	316	460	603	476	467	436	538	536	540	571	268	46.2	
Dentists' Materials	9	380	313	316	371	366	368	374	385	389	388	382	393	36	9.2	
Males	380	313	316	371	366	368	374	385	385	389	388	382	393	36	9.2	
Females	265	267	268	256	246	246	250	250	256	257	253	256	260	15	5.8	
Electrical Machinery, Apparatus and Supplies	98	9,119	9,771	10,003	10,563	10,896	10,860	10,471	10,698	11,232	11,794	12,315	12,990	3,871	29.8	
Males	8,046	8,780	9,251	9,531	9,611	9,607	9,116	9,116	9,339	9,827	10,367	10,832	11,399	3,453	29.4	
Females	1,073	991	1,232	1,332	1,315	1,343	1,256	1,256	1,359	1,405	1,427	1,483	1,591	418	22.6	
Enameling and Japanning.	5	389	389	416	413	430	411	372	361	316	319	338	363	177	32.4	
Males	286	286	300	318	306	292	282	268	249	225	215	219	234	138	32.4	
Females	377	377	380	318	306	292	282	268	249	225	215	219	234	138	32.4	
Furniture Articles	9	2,772	2,772	2,772	2,772	2,772	2,772	2,772	2,772	2,772	2,772	2,772	2,772	138	27.0	
Males	2,772	2,772	2,772	2,772	2,772	2,772	2,772	2,772	2,772	2,772	2,772	2,772	2,772	138	27.0	
Females	283	283	283	283	283	283	283	283	283	283	283	283	283	138	33.9	

Ice, Manufactured	96	1,673	1,930	2,197	2,104	1,924	1,413	1,176	1,018	1,261
Males	946	1,672	1,929	2,186	2,103	1,923	1,412	1,175	1,017	1,261
Females	1	1	1	1	1	1	1	1	1	1
Instruments, Professional and Scien-										

TABLE IV—Continued.
THE STATE—Concluded.

Industry and Sex.		Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.
SERVICE		1,469	26,491	26,458	26,954	27,939	28,236	28,330	29,878	29,906	28,168	27,964	27,779	3,448	11.5	
Males		.....	15,536	15,538	15,912	16,635	16,928	17,250	18,308	18,281	16,799	16,653	16,479	2,772	15.1
Females		.....	10,955	10,900	11,042	11,304	11,371	11,620	11,570	11,625	11,364	11,311	11,300	2,770	6.6
Amusement Parks		34	319	312	421	555	980	1,380	1,397	1,816	1,573	381	358	1,611	83.5	
Males		.....	293	312	421	554	853	1,335	1,337	1,253	486	344	319	1,072	76.5
Females		.....	26	27	28	41	127	165	160	163	87	37	39	539	95.4
Garages		193	1,492	1,522	1,632	1,744	1,810	1,836	1,983	1,942	1,884	1,846	1,825	392	20.8	
Males		.....	1,431	1,511	1,621	1,722	1,797	1,824	1,953	1,882	1,874	1,836	1,816	393	21.0
Females		.....	11	11	11	12	13	12	10	10	10	10	9	4	(a)
Hospitals		12	304	305	309	310	307	302	306	303	303	301	302	15	4.8	
Males		.....	84	84	84	88	84	83	85	81	82	84	83	7	(a)
Females		.....	220	221	225	222	223	219	221	222	221	219	213	12	5.3
Hotels		246	7,392	7,386	7,401	7,470	7,632	7,594	8,877	9,014	7,835	7,589	7,724	1,854	20.1	
Males		.....	4,651	4,654	4,650	4,688	4,850	4,796	6,154	6,225	5,070	4,970	4,902	1,768	27.6
Females		.....	2,741	2,732	2,751	2,772	2,782	2,798	2,723	2,838	2,765	2,619	2,822	1,086	5.3
Laundries and Dry Cleaners		270	7,419	7,302	7,431	7,965	8,131	7,952	7,677	7,718	7,815	7,799	7,769	829	10.2	
Males		.....	2,422	2,394	2,463	2,846	2,914	2,872	2,569	2,639	2,639	2,583	2,583	520	17.8
Females		.....	4,997	4,908	5,012	5,139	5,217	5,080	5,118	5,144	5,179	5,158	5,206	309	5.9
Office Buildings		166	2,566	2,586	2,593	2,623	2,580	2,555	2,644	2,654	2,585	2,581	2,568	109	4.3	
Males		.....	1,746	1,768	1,765	1,766	1,733	1,711	1,704	1,712	1,702	1,764	1,741	64	3.6
Females		.....	820	818	828	857	848	844	948	942	821	821	827	45	5.3
Restaurants		220	3,105	3,108	3,105	3,157	3,191	3,212	3,218	3,221	3,265	3,231	3,201	160	4.9	
Males		.....	1,650	1,646	1,643	1,685	1,693	1,700	1,720	1,724	1,766	1,745	1,732	113	6.4
Females		.....	1,455	1,462	1,462	1,472	1,498	1,512	1,498	1,497	1,500	1,486	1,469	57	3.8
Saloons		100	1,933	1,929	1,931	1,926	1,923	1,920	1,951	1,957	1,905	1,916	1,921	64	4.8	
Males		.....	1,083	1,078	1,065	1,071	1,067	1,049	1,038	1,032	1,039	1,076	1,083	59	5.4
Females		.....	220	221	226	225	225	221	223	226	229	223	230	13	5.6
Theaters		96	1,467	1,476	1,541	1,504	1,136	1,048	979	959	1,459	1,533	1,546	643	40.1	
Males		.....	1,148	1,161	1,217	1,184	853	781	749	719	1,118	1,190	1,202	543	43.0
Females		.....	319	315	324	320	283	267	230	240	343	343	340	113	23.9
Service, not otherwise classified		132	1,124	1,135	1,180	1,176	1,241	1,231	1,293	1,236	1,263	1,229	1,182	139	11.0	
Males		.....	978	1,015	1,081	1,094	1,094	1,079	1,159	1,069	1,104	1,089	1,043	138	12.4
Females		.....	146	160	165	144	147	152	134	147	159	140	156	26	15.8
TRADE		4,112	31,433	30,891	31,974	32,992	33,313	32,988	32,539	32,498	33,743	35,159	35,586	4,645	12.1	
Males		.....	25,483	25,365	26,887	26,525	27,073	27,008	27,018	27,204	27,683	29,354	29,861	3,496	12.1
Females		.....	5,950	5,525	6,087	6,467	6,240	5,980	5,621	6,060	6,805	6,723	6,775	1,511	22.2
Offices		239	405	407	410	386	412	399	408	406	408	406	407	6	1.7	
Males		.....	363	364	367	366	366	368	368	367	366	364	365	3	1.6
Females		.....	42	43	43	43	43	43	41	42	42	43	44	3	(a)

Retail Delivery, Milk, Ice and Water.	60	307	737	735	824	965	1,075	1,071	1,065	932	862	531	350	32.3
Males	.....	795	728	723	812	953	1,062	1,058	1,072	919	850	504	349	32.5
Females	.....	11	11	12	12	12	13	13	13	13	12	12	12	(a)
Retail and Wholesale Stores.	8,157	24,617	24,033	24,803	25,023	25,617	24,726	24,570	25,700	27,067	27,054	27,652	3,619	13.1
Males	.....	19,012	18,920	19,190	19,562	19,900	19,616	19,664	19,995	20,632	20,632	21,337	2,415	11.2
Females	.....	5,545	5,113	5,679	5,461	5,717	5,110	4,906	5,705	6,435	6,422	6,317	1,204	23.8
Venue, Coal and Lumber	606	6,604	6,714	6,960	6,131	6,388	6,329	6,440	6,650	6,754	6,762	6,656	1,158	17.1
Males	.....	5,252	5,356	5,560	5,785	5,961	6,036	6,115	6,220	6,439	6,446	6,354	1,104	18.5
Females	.....	352	358	393	346	427	288	324	430	315	316	302	166	17.9
TRANSPORTATION AND PUBLIC UTILITIES	996	41,409	39,330	40,236	42,226	45,717	47,370	47,488	48,026	48,026	46,848	46,824	9,596	19.6
Males	.....	33,645	31,814	32,658	35,089	37,923	39,485	39,612	40,148	39,296	39,026	38,738	8,956	22.0
Females	.....	7,764	7,516	7,601	7,137	7,794	7,905	7,876	7,878	7,803	7,822	8,086	640	7.3
Carriage (Drayage) and Storage, In-	810	3,527	3,569	3,671	3,933	3,894	3,826	3,806	3,978	4,117	4,049	3,963	590	14.2
cluding Livery Stables.	.....	3,527	3,564	3,664	3,875	3,887	3,830	3,800	3,973	4,112	4,042	3,975	591	14.1
Males	.....	6	6	7	8	7	6	6	5	5	7	7	3	(a)
Females	.....	3,011	2,697	2,664	2,784	2,787	2,993	3,273	3,292	3,191	3,218	3,308	664	19.7
Electric Light and Power.	102	3,008	2,694	2,661	2,781	2,784	2,947	3,271	3,290	3,189	3,216	3,306	655	19.8
Males	.....	3	3	3	3	3	2	2	2	2	2	2	1	(a)
Females	.....	16,683	16,519	17,032	18,163	19,348	19,960	19,517	19,457	18,859	18,217	17,573	3,431	17.2
Electric Railroads	65	16,686	16,470	16,933	18,116	19,297	19,866	19,333	19,399	18,994	18,164	17,519	3,423	17.2
Males	.....	47	49	49	47	51	57	57	58	55	53	54	11	(a)
Females	.....	2,400	2,311	2,497	2,712	3,151	2,994	3,196	3,232	3,450	3,470	3,470	1,168	33.6
Natural Gas	87	2,383	2,296	2,481	2,685	3,135	2,978	3,179	3,298	3,216	3,462	3,450	1,166	33.7
Males	.....	17	15	16	14	16	15	17	18	16	18	20	6	(a)
Females	.....	845	733	777	808	991	878	922	1,033	1,043	1,050	954	282	32.3
Pipe Lines (Petroleum)	11	845	733	777	808	991	878	922	1,033	1,043	1,050	954	282	32.3
Males	.....	10	275	266	296	301	292	315	321	346	343	320	81	23.4
Females	.....	269	260	259	290	295	292	309	325	340	336	322	81	23.8
Telegraph and Telephone	341	13,262	11,787	11,818	12,204	12,587	13,390	13,210	13,351	13,173	13,405	15,232	3,445	(a)
Males	.....	5,579	4,351	4,301	4,556	4,890	5,607	5,456	5,545	5,468	5,681	7,243	2,942	22.6
Females	.....	7,683	7,436	7,517	7,648	7,697	7,793	7,754	7,806	7,705	7,724	7,989	2,942	40.8
Transportation by Water, Including	33	910	941	1,072	1,507	2,125	2,483	2,628	2,718	2,564	2,353	1,467	1,808	66.5
Stevedoring	.....	908	939	1,069	1,495	2,111	2,449	2,686	2,685	2,561	2,343	1,462	1,771	68.2
Males	.....	2	2	3	3	14	34	38	38	38	10	10	10	(a)
Females	.....	169	165	177	185	234	237	240	212	218	233	178	76	81.3
Waterworks	20	169	165	177	185	234	237	240	212	218	233	178	76	81.3
Males	.....	169	165	177	185	234	237	240	212	218	233	178	76	81.3
Females	.....	327	337	313	284	299	321	324	328	346	370	330	58	23.2
Transportation and Public Utilities, not otherwise classified.	17	327	337	313	284	299	321	324	328	346	370	330	58	23.2
Males	.....	327	337	313	284	299	321	324	328	346	370	330	58	23.0
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	(a)

ALLEN COUNTY

ALL INDUSTRIES	234	5,584	5,908	6,456	6,559	6,549	6,726	6,987	7,020	6,939	6,986	7,263	1,679	23.1
Males	.....	3,789	4,123	4,581	4,908	4,923	5,071	5,249	5,323	5,206	5,221	5,607	1,718	31.2
Females	.....	1,795	1,785	1,765	1,753	1,726	1,736	1,613	1,697	1,733	1,766	1,756	1,77	9.9

a Not computed owing to small number represented.

TABLE IV—Continued.

ALLEN COUNTY — Concluded

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.
CONSTRUCTION—															
General Contracting	12	107	69	95	165	193	172	181	195	203	174	163	111	134	66.0
Males		107	69	95	165	193	172	181	195	203	174	163	111	134	66.0
MANUFACTURES—															
Foundry and Machine Shop Products.....	13	372	449	531	440	442	496	501	468	520	491	516	736	364	49.5
Males		368	445	524	434	436	490	485	452	515	487	511	736	368	50.0
Females		4	4	7	6	6	6	6	6	5	4	5	.....	7	(a)
Printing and Publishing	10	115	120	120	120	113	117	118	118	121	123	125	127	14	11.0
Males		98	100	101	102	97	99	101	102	103	104	106	106	10	9.4
Females		19	20	19	18	16	18	17	16	18	19	19	21	4	(a)
Tobacco Manufactures	4	1,757	1,760	1,720	1,632	1,636	1,640	1,602	1,581	1,604	1,639	1,711	1,740	186	10.5
Males		1,660	1,674	1,654	1,539	1,537	1,535	1,542	1,542	1,530	1,588	1,654	1,694	164	9.2
Females		1,207	1,186	1,166	1,123	1,099	1,106	1,060	1,039	1,074	1,101	1,157	1,156	168	13.9
SERVICE—															
Laundries and Dry Cleaners.....	4	103	101	104	105	109	101	104	106	106	108	107	107	8	7.3
Males		83	82	83	82	82	82	82	82	82	84	84	84	2	(a)
Females		70	68	71	74	77	69	72	74	74	74	73	73	9	(a)
TRADE—															
Retail and Wholesale Stores.....	56	203	207	215	223	226	224	218	215	222	229	224	228	26	11.6
Males		189	181	198	198	174	176	175	174	171	173	172	174	17	9.7
Females		44	46	49	55	52	48	43	41	51	56	52	54	15	(a)
TRANSPORTATION AND PUBLIC UTILITIES—															
Telegraph and Telephone.....	7	215	200	179	192	197	189	188	187	184	171	171	164	51	23.7
Males		68	66	65	61	63	58	56	58	59	66	65	53	13	(a)
Females		147	134	114	131	134	131	112	109	105	105	106	106	42	28.6

ASHTABULA COUNTY

ALL INDUSTRIES	152	2,760	2,865	2,941	3,236	3,670	3,611	3,962	4,115	4,291	4,335	3,973	3,605	1,631	27.1
Males		2,639	2,633	2,689	2,930	3,415	3,552	3,706	3,864	3,953	3,920	3,601	3,374	1,414	26.8
Females		221	232	252	306	255	259	256	251	438	415	282	231	217	49.5

CONSTRUCTION— General Contracting	7	23	30	56	113	206	207	229	244	210	167	127	56	231	90.6
	.....	23	30	56	113	206	207	229	244	210	167	127	56	231	90.6
MANUFACTURES— Baskets and Rattan and Willow Ware	6	84	93	124	128	124	130	123	118	121	114	105	74	56	48.1
	.....	49	50	70	73	75	78	71	71	73	65	63	43	56	(a)
Females	.....	35	43	54	55	49	52	51	47	46	49	43	31	24	(a)

Canning and Preserving Fruits and Vegetables	5	17	8	15	22	27	25	18	26	239	201	78	20	231	96.7
	.....	16	8	15	21	24	23	13	28	57	49	47	19	49	(a)
Females	.....	1	.....	.....	1	.....	2	.....	.....	182	152	31	1	127	100.0

Cutlery and Tools	3	95	105	103	103	98	90	85	84	101	100	109	123	29	31.7
	.....	95	105	103	103	98	90	85	84	101	100	109	123	29	31.7
Females	.....	116	120	130	137	130	142	130	153	153	160	159	167	51	30.5

Foundry and Machine Shop Products	3	94	97	106	110	120	122	120	132	139	139	141	148	54	36.5

Females	.....	22	23	24	22	17	22	22	21	19	21	18	19	7	(a)

Leather, Tanned, Curried and Finished	3	260	277	277	289	293	307	356	347	351	356	367	398	138	34.7
	.....	260	277	277	289	293	307	356	347	351	356	367	398	138	34.7
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Telegraph and Telephone	8	90	121	102	100	104	102	147	148	149	150	127	119	60	40.0

Females	.....	33	62	44	40	46	44	88	90	91	91	67	80	58	(a)
	.....	57	59	53	60	53	53	59	58	53	53	60	59	3	(a)
Transportation by Water, including Stevedoring	8	406	402	476	593	978	967	994	1,050	1,090	1,090	978	692	698	63.1
	.....	406	402	476	593	978	967	994	1,050	1,090	1,090	978	692	698	63.1
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

BELMONT COUNTY

ALL INDUSTRIES	151	6,369	6,367	6,510	6,887	7,296	7,154	7,089	7,187	7,327	7,465	7,191	7,669	1,302	17.0
	.....	5,485	5,489	5,608	5,965	6,390	6,217	6,221	6,296	6,385	6,487	6,173	6,598	1,113	16.9
Females	.....	884	878	902	922	916	937	918	892	962	998	1,018	1,071	253	23.6

CONSTRUCTION— General Contracting	14	54	50	74	160	146	151	183	190	159	182	156	85	140	73.7

Females	.....	12	12	15	27	48	40	81	97	132	122	87	18	120	90.9

Street, Road and Sewer Contracting	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MANUFACTURES— Foundry and Machine Shop Products	5	255	259	240	262	274	270	247	274	288	297	210	318	78	24.5

Females	.....	915	963	910	853	1,014	1,194	1,268	965	1,055	1,168	1,190	1,214	416	24.5

Glass	.....	852	860	885	776	883	1,103	1,212	884	961	1,072	1,084	1,110	486	36.0

Females	.....	63	73	76	76	81	91	56	81	94	96	106	104	50	47.2

Lumber and Planing Mill Products	7	156	168	163	173	171	185	180	178	186	153	153	153	49	26.5

Females	.....	156	168	163	173	171	185	180	178	186	153	153	153	49	26.5

Steel Works and Rolling Mills	3	1,199	1,278	1,186	1,279	1,399	1,367	1,336	1,450	1,451	1,408	1,399	1,377	265	18.8

Females	.....	1,199	1,278	1,186	1,279	1,399	1,367	1,336	1,450	1,451	1,408	1,399	1,377	265	18.8

a Not computed owing to small number represented.

TABLE IV—Continued.
BELMONT COUNTY—Concluded.

Industry and Sex.	Number of estab-lish-ments report-ing.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
MANUFACTURES—Concluded.															
Stoves and Furnaces.....	3	73	103	100	101	100	101	76	99	103	109	106	106	33	21.1
Males .....	.....	73	103	100	101	100	101	76	99	103	109	106	106	33	21.1
Tobacco Manufactures	18	494	492	521	570	572	563	575	534	564	578	577	595	103	17.3
Males .....	.....	230	229	252	280	282	274	292	262	272	287	273	284	63	21.6
Females .....	.....	264	263	269	290	290	289	283	272	292	311	304	311	48	15.4
TRADE—															
Retail and Wholesale Stores.....	23	86	83	83	83	89	117	114	96	111	111	111	101	34	29.1
Males .....	.....	64	64	60	59	65	92	93	82	89	85	84	79	34	(a)
Females .....	.....	22	19	23	24	24	25	21	13	22	26	27	22	14	(a)
BUTLER COUNTY															
ALL INDUSTRIES															
Males	277	11,068	11,629	11,967	12,534	12,792	13,126	12,094	13,135	13,790	14,040	13,378	13,093	2,974	21.2
Females .....	.....	9,322	9,754	9,947	10,606	10,965	11,245	11,324	11,446	11,974	12,066	11,367	11,093	2,774	22.9
Total .....	.....	1,744	1,875	2,020	1,928	1,827	1,881	1,760	1,689	1,806	1,944	2,011	2,006	331	16.4
CONSTRUCTION—															
General Contracting	15	49	49	75	66	77	162	157	129	167	178	160	88	29	16.3
Males .....	.....	50	49	75	66	77	162	157	129	167	178	160	88	29	16.3
Street, Road and Sewer Contracting	4	40	44	130	232	463	390	333	390	468	492	531	178	541	88.1
Males .....	.....	40	44	130	232	463	390	333	390	468	492	531	178	541	88.1
MANUFACTURES—															
Foundry and Machine Shop Products.....	22	1,961	2,067	2,160	2,298	2,465	2,663	2,855	2,762	2,849	2,668	1,550	1,512	1,335	46.3
Males .....	.....	1,919	2,024	2,121	2,262	2,438	2,636	2,849	2,724	2,816	2,636	1,517	1,476	1,322	46.8
Females .....	.....	42	43	39	36	27	27	36	38	33	32	33	36	15	(a)
Lumber and Planing Mill Products.....	7	193	172	193	200	213	196	213	173	221	200	189	176	49	22.2
Males .....	.....	193	172	193	200	213	196	213	173	221	200	189	176	49	22.2
Paper and Wood Pulp.....	13	2,008	1,977	1,967	1,956	1,984	2,045	2,066	2,032	2,103	2,066	2,138	2,083	161	7.6
Males .....	.....	1,662	1,632	1,669	1,649	1,684	1,701	1,738	1,720	1,778	1,728	1,779	1,720	130	7.8
Females .....	.....	336	335	298	307	299	344	328	312	325	338	359	363	31	14.0
Printing and Publishing.....	11	214	196	202	202	202	199	210	202	202	214	219	219	23	10.5
Males .....	.....	155	142	146	143	143	142	144	142	144	149	149	149	13	8.4
Females .....	.....	59	54	56	59	59	57	66	60	58	65	70	63	16	(a)

Tobacco Manufactures	7	1,364	1,005	1,709	1,451	1,291	1,294	1,025	976	1,027	1,200	1,254	1,284	794	42.9
Males .....	.....	776	848	885	739	666	602	519	506	515	583	592	617	379	42.8
Females .....	.....	688	767	824	712	625	632	506	469	512	617	662	667	365	43.1
SERVICE—	8	83	79	76	82	81	79	77	97	94	100	98	101	25	24.8
Laundries and Dry Cleaners.....	.....	26	25	24	24	25	24	24	30	29	30	30	30	16	(a)
Males .....	.....	67	64	63	58	56	56	53	67	65	70	69	71	19	(a)
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TRADE—	51	173	165	188	189	191	183	168	166	187	191	186	182	26	13.6
Retail and Wholesale Stores.....	.....	139	136	139	138	142	141	137	139	145	143	139	145	9	6.2
Males .....	.....	33	29	49	51	49	42	41	42	47	48	47	39	24	(a)
Females .....	.....	16	113	113	116	107	119	113	113	126	133	130	141	34	24.1
Yards, Coal and Lumber.....	.....	109	107	113	114	104	116	110	109	124	131	129	138	34	24.6
Males .....	.....	4	.....	.....	2	3	3	3	4	2	2	1	3	4	(a)
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TRANSPORTATION AND PUBLIC	7	151	149	151	152	153	153	158	154	160	156	152	150	11	6.9
Utilities—	.....	43	43	45	49	49	60	54	52	56	63	61	62	13	(a)
Telegraph and Telephone.....	.....	108	106	106	104	104	108	104	102	104	103	101	98	10	9.8
Males .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CLARK COUNTY

ALL INDUSTRIES	320	9,354	9,498	9,945	9,925	9,701	10,251	10,553	10,355	10,763	10,872	11,175	11,550	2,196	19.0
Males .....	.....	8,234	8,233	8,703	8,631	8,449	9,223	9,227	9,156	9,471	9,544	9,818	10,138	1,902	18.8
Females .....	.....	1,120	1,265	1,242	1,294	1,252	1,028	1,326	1,209	1,292	1,328	1,357	1,412	294	20.8
AGRICULTURE—	8	141	145	190	222	222	198	192	187	171	182	172	158	82	36.8
Florists, Fruit Growers, Nurserymen	.....	106	108	147	177	176	161	153	152	124	144	134	120	72	40.7
Males .....	.....	36	37	43	46	46	27	39	36	37	38	38	38	11	(a)
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CONSTRUCTION—	18	162	209	235	237	303	411	394	510	445	488	434	285	358	70.2
General Contracting .....	.....	162	209	238	237	303	411	394	510	445	488	434	285	358	70.2
Males .....	.....	91	88	106	109	123	138	117	121	119	125	111	108	40	31.3
Plumbing and Steam Fitting.....	.....	51	88	106	109	123	138	117	121	119	125	111	106	40	31.3
Males .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MANUFACTURES—	8	1,540	1,595	1,717	1,691	1,595	1,690	1,578	1,445	1,423	1,372	1,621	1,558	496	26.2
Agricultural Implements .....	.....	1,615	1,570	1,686	1,694	1,579	1,686	1,553	1,434	1,406	1,358	1,536	1,474	474	26.9
Males .....	.....	25	25	22	27	22	26	26	11	17	14	26	26	16	(a)
Females .....	.....	419	406	234	286	313	518	616	632	579	494	592	631	348	55.1
Automobiles, Including Bodies and Parts	.....	3	419	234	286	313	518	616	632	579	494	592	631	348	55.1
Males .....	.....	419	406	234	286	313	518	616	632	579	494	592	631	348	55.1

a Not computed owing to small number represented.

TABLE IV—Continued.
CLARK COUNTY—Concluded.

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.											Variation from maximum.			
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.	
MANUFACTURES—Concluded.																
Coffins, Burial Cases and Undertakers' Goods	3	335	357	359	353	307	335	335	337	323	336	355	273	66	17.7	
Males .....	.....	289	306	319	303	267	289	289	289	269	281	281	310	51	16.0
Females .....	.....	46	51	40	50	40	46	46	48	54	55	74	63	23	(a)
Foundry and Machine Shop Products.....	23	1,503	1,559	1,621	1,671	1,749	1,705	1,705	1,830	1,947	2,024	2,069	2,174	672	30.9	
Males .....	.....	1,490	1,550	1,602	1,653	1,731	1,696	1,731	1,863	1,922	1,991	2,034	2,140	660	30.8
Females .....	.....	13	9	19	18	18	9	12	67	25	33	35	34	12	(a)
Pianos, Organs and Materials.....	3	422	401	504	341	104	270	467	234	468	461	522	643	539	83.8	
Males .....	.....	422	401	504	341	104	270	467	234	468	461	522	643	539	83.8
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and Publishing.....	16	710	718	718	691	704	693	653	707	743	761	781	773	128	16.4	
Males .....	.....	548	546	546	523	569	547	522	561	604	611	625	614	103	16.5
Females .....	.....	162	162	153	145	145	142	131	146	149	150	156	159	31	19.1
SERVICE—																
Laundries and Dry Cleaners.....	7	110	108	104	106	103	109	109	115	116	116	112	113	13	11.2	
Males .....	.....	90	89	89	92	92	92	92	94	95	95	94	93	7	(a)
Females .....	.....	20	19	15	13	11	17	17	21	21	21	18	20	6	(a)
TRADE—																
Retail and Wholesale Stores.....	57	247	240	280	285	285	255	246	255	253	263	283	265	25	9.4	
Males .....	.....	212	206	219	223	224	215	207	217	213	219	219	223	19	8.5
Females .....	.....	35	34	61	62	61	40	39	38	40	44	64	42	6	(a)
Yards, Coal and Lumber.....	13	111	110	117	118	111	103	107	120	113	119	120	107	17	14.2	
Males .....	.....	109	108	116	116	109	103	106	118	116	117	118	106	17	14.4
Females .....	.....	2	2	1	2	2	2	1	2	2	2	2	1	.....	.....
TRANSPORTATION AND PUBLIC UTILITIES—																
Electric Railroads	3	351	314	378	370	394	370	427	293	377	385	320	317	164	38.4	
Males .....	.....	350	313	377	369	393	369	426	293	376	384	319	316	164	38.5
Females .....	.....	1	1	1	1	1	1	1	1	1	1	1	1	.....	.....
Telephone and Telephone.....	7	247	253	261	268	263	273	268	286	276	283	286	269	29	10.5	
Males .....	.....	70	71	73	81	76	83	77	90	80	83	86	78	20	(a)
Females .....	.....	177	184	188	187	187	191	191	187	186	181	181	181	14	(a)

COLUMBIANA COUNTY

ALL INDUSTRIES	255	8,928	9,098	9,819	10,115	10,900	10,556	10,539	10,750	10,795	10,841	11,116	11,532	2,869	25.5
Males	.....	7,006	7,263	8,040	8,477	8,642	8,846	8,771	8,958	8,939	8,891	9,167	9,644	2,638	27.4
Females	.....	1,817	1,573	1,779	1,709	1,813	1,810	1,768	1,832	1,857	1,950	1,949	1,888	2,231	17.1
MANUFACTURES—															
Brick and Tile	6	157	122	179	181	189	211	212	208	204	212	203	233	110	51.6
Males	.....	157	122	179	181	189	211	212	208	204	212	203	233	110	51.6
Copper, Tin and Sheet Iron Products	3	266	268	281	323	272	329	317	297	292	239	236	223	98	30.1
Males	.....	266	268	281	323	272	329	317	297	292	239	236	223	98	30.1
Females	.....	1	267	280	323	271	319	316	296	291	238	234	221	86	30.2
Foundry and Machine Shop Products	15	698	659	654	639	697	720	723	695	743	771	793	967	359	37.1
Males	.....	698	659	654	639	697	720	723	695	743	771	793	967	359	37.1
Kaolin and Ground Earth	4	52	68	73	69	87	101	83	85	108	113	73	82	40	57.1
Males	.....	52	68	73	69	87	101	83	85	108	113	73	82	40	57.1
Females	.....	1	96	78	81	99	101	88	87	108	112	78	92	60	53.6
Pottery, Terra-Cotta and Fire Clay	36	4,444	4,853	5,137	5,224	5,368	5,262	5,174	5,487	5,511	5,633	5,716	5,900	1,356	23.4
Males	.....	3,227	3,568	3,793	3,902	3,944	3,883	3,797	4,014	3,932	4,090	4,136	4,226	1,026	23.4
Females	.....	1,217	1,285	1,344	1,322	1,424	1,379	1,377	1,473	1,579	1,543	1,580	1,674	330	23.4
Printing and Publishing	13	1,108	1,071	1,091	1,091	1,176	1,174	1,115	1,113	1,111	1,165	1,133	1,174	16	12.3
Males	.....	74	74	76	76	76	76	73	77	79	80	80	83	7	(a)
Females	.....	34	33	33	33	34	34	32	36	32	36	33	39	7	(a)
Rubber Products	4	887	763	960	1,013	1,184	1,291	1,323	1,269	1,033	974	1,053	1,270	636	48.1
Males	.....	887	763	960	1,013	1,184	1,291	1,323	1,269	1,033	974	1,053	1,270	636	48.1
Females	.....	1	763	960	1,013	1,184	1,291	1,323	1,269	1,033	974	1,053	1,270	636	48.1
TRADE—															
Retail and Wholesale Stores	49	143	140	141	142	139	142	140	139	139	148	146	160	11	7.3
Males	.....	89	86	87	87	84	87	86	85	86	94	92	96	12	(a)
Females	.....	54	54	54	55	55	55	54	54	53	54	54	64	2	(a)
TRANSPORTATION AND PUBLIC UTILITIES	14	191	170	160	175	173	185	188	177	173	173	172	174	31	16.2
Telephone and Telegraph	.....	32	24	29	29	23	24	31	25	24	23	24	25	9	15.5
Males	.....	159	147	136	146	150	161	157	152	149	150	145	149	26	15.5
Females	.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1

CUYAHOGA COUNTY

ALL INDUSTRIES	2,892	129,091	132,453	138,163	145,647	150,929	154,979	157,899	159,978	163,951	162,743	163,099	165,844	38,793	22.2
Males	.....	106,754	109,301	114,263	121,923	127,853	131,859	134,218	136,116	138,555	137,992	138,016	141,513	34,764	24.6
Females	.....	22,337	23,152	23,916	23,724	23,076	23,120	23,681	23,863	25,396	24,751	25,083	24,331	2,814	11.2
AGRICULTURE—															
Florists, Fruit Growers, Nurserymen and Seedsmen	12	120	129	134	136	148	142	146	136	127	143	128	118	30	20.3
Males	.....	119	128	133	135	147	141	145	135	136	142	127	117	30	20.4
Females	.....	1	1	1	1	1	1	1	1	1	1	1	1	1	.....

a Not computed owing to small number represented.

TABLE IV—Continued.
CUYAHOGA COUNTY — Continued

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.											Variation from maximum.			
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.	
CONSTRUCTION—																
Brick, Stone and Cement Work.....	77	390	420	577	791	810	773	741	760	780	922	1,018	809	628	61.7	
Males .....	.....	390	420	577	791	810	773	741	760	780	922	1,018	809	628	61.7
Electrical Contracting	18	202	198	190	209	224	216	216	244	252	252	237	243	62	24.6	
Males .....	.....	202	198	190	209	224	216	216	244	252	252	237	243	62	24.6
General Contracting	263	3,302	3,077	4,143	5,417	6,571	6,937	7,812	7,232	7,374	6,938	7,712	7,389	4,735	60.6	
Males .....	.....	3,302	3,077	4,143	5,417	6,571	6,937	7,812	7,232	7,374	6,938	7,712	7,389	4,735	60.6
Painting and Decorating.....	61	235	230	351	502	643	697	470	413	501	460	383	350	413	64.2	
Males .....	.....	235	230	351	502	643	697	470	413	501	460	383	350	413	64.2
Plastering	19	271	172	268	321	238	283	344	542	296	204	227	206	370	68.3	
Males .....	.....	271	172	268	321	238	283	344	542	296	204	227	206	370	68.3
Plumbing and Steam Fitting	40	452	423	442	431	509	490	494	508	562	567	556	576	152	26.4	
Males .....	.....	452	423	442	431	509	490	494	508	562	567	556	576	152	26.4
Sand and Gravel Excavating	8	26	23	40	96	116	117	108	104	103	105	92	67	91	77.8	
Males .....	.....	26	23	40	96	116	117	108	104	103	105	92	67	91	77.8
Sheet Metal Work and Roofing	56	506	465	527	544	527	697	627	663	686	714	686	703	249	34.9	
Males .....	.....	506	465	527	544	527	697	627	663	686	714	686	703	249	34.9
Street, Road and Sewer Contracting	71	562	643	848	1,000	1,969	1,973	2,172	2,207	2,334	2,196	1,920	1,108	1,772	76.9	
Males .....	.....	562	643	848	1,000	1,969	1,973	2,172	2,207	2,334	2,196	1,920	1,108	1,772	76.9
Ventilating and Heating	5	102	112	96	109	120	114	122	135	136	130	173	168	82	46.1	
Males .....	.....	102	112	96	109	120	114	122	135	136	130	173	168	82	46.1
FISHERIES	3	41	37	112	74	85	83	106	64	88	88	87	82	76	67.0	
Males .....	.....	41	37	112	74	85	83	106	64	88	88	87	82	76	67.0
Females .....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	.....
MANUFACTURES—																
Artificial Stone	15	119	110	130	169	191	183	180	169	165	153	163	186	81	42.4	
Males .....	.....	119	110	130	169	191	183	180	169	165	153	163	186	81	42.4
Automobiles, Including Bodies and Parts	39	8,650	9,043	9,468	10,260	10,764	11,076	10,786	10,587	10,177	9,973	10,219	11,068	2,866	21.5	
Males .....	.....	8,650	9,043	9,468	10,260	10,764	11,076	10,786	10,587	10,177	9,973	10,219	11,068	2,866	21.5
Females .....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	.....
Awning, Tents and Sails	7	143	164	207	224	316	238	239	222	186	186	188	196	100	60.7	
Males .....	.....	143	164	207	224	316	238	239	222	186	186	188	196	100	60.7
Females .....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	.....
Bags, other than Paper	4	897	766	806	809	819	108	111	86	72	99	83	73	91	60.7	
Males .....	.....	897	766	806	809	819	108	111	86	72	99	83	73	91	60.7
Females .....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	.....
.....	.....	288	277	283	287	289	301	305	316	311	322	331	332	191	21.5
.....	.....	429	479	523	522	530	518	517	508	511	544	557	548	123	23.0

Blast Furnace Products.....	3	820	884	986	1,079	1,099	1,073	1,166	1,225	1,377	1,541	1,623	1,860	1,040	55.9
Males.....	3	517	591	983	1,076	1,096	1,069	1,163	1,222	1,374	1,538	1,619	1,857	1,040	56.0
Females.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boils, Nuts, Washers and Rivets, not made in Steel Works or Rolling Mills	10	2,763	2,855	2,904	3,309	4,100	2,854	3,110	3,110	3,225	3,356	3,449	3,638	1,847	32.9
Males.....	10	2,276	2,377	2,401	2,838	3,531	2,868	2,516	2,602	2,731	2,846	2,923	3,062	1,355	37.3
Females.....	.....	477	478	503	473	459	486	595	508	494	510	526	576	1,355	15.6
Boots and Shoes, including Cut Stock and Findings.....	7	428	440	416	399	349	385	391	387	393	412	404	416	91	20.7
Males.....	7	273	285	261	269	241	282	268	265	268	270	281	279	44	16.4
Females.....	.....	155	155	155	130	108	122	133	123	130	142	123	138	47	30.3
Boxes, Fancy and Paper.....	8	606	624	650	628	686	607	606	628	691	723	787	781	182	23.1
Males.....	8	276	279	286	289	276	259	263	264	278	294	305	302	46	16.1
Females.....	.....	330	345	364	339	360	348	343	364	413	429	482	479	146	31.1
Brass and Bronze Products.....	16	608	722	763	733	761	800	791	749	772	823	811	824	216	28.2
Males.....	16	598	711	750	723	748	790	778	786	769	809	799	824	214	28.4
Females.....	.....	10	11	13	10	13	10	13	13	13	13	12	12	2	(9)
Bread and other Bakery Products.....	55	1,307	1,276	1,276	1,285	1,229	1,332	1,347	1,350	1,346	1,377	1,386	1,368	109	7.9
Males.....	55	1,013	1,013	1,013	1,020	1,044	1,043	1,043	1,058	1,055	1,077	1,086	1,080	83	8.0
Females.....	.....	269	263	263	276	285	289	294	292	291	300	298	288	37	12.3
Brick and Tile.....	16	938	886	1,013	1,080	1,137	1,117	1,143	1,117	1,096	1,059	1,052	1,044	267	22.9
Males.....	16	938	886	1,013	1,080	1,137	1,117	1,143	1,117	1,096	1,059	1,052	1,044	267	22.9
Brushes.....	5	213	225	227	225	248	244	259	268	274	289	274	301	52	27.5
Males.....	5	176	183	185	190	197	198	210	212	223	223	230	250	70	30.0
Females.....	.....	43	42	42	45	51	46	49	56	46	46	44	51	8	(9)
Butter, Cheese and Condensed Milk.....	5	95	97	99	105	113	126	128	128	124	121	116	112	83	36.8
Males.....	5	95	97	99	105	113	126	128	128	124	121	116	112	83	36.8
Females.....	.....	5	6	6	6	6	6	6	6	6	6	6	6	2	(9)
Carriages, Wagons and Materials.....	26	351	371	402	415	446	440	420	402	394	408	421	433	85	51.3
Males.....	26	351	371	402	415	446	440	420	402	394	408	421	433	85	51.3
Females.....	.....	350	370	401	414	445	439	419	401	393	407	420	437	85	21.3
Chemicals, Acids and Wood Distilla- tion.....	13	770	783	764	774	774	824	857	920	853	853	894	939	185	18.7
Males.....	13	763	774	744	763	763	814	846	910	843	843	894	939	185	18.7
Females.....	.....	7	8	10	11	11	10	11	10	10	10	10	10	1	20.1
Clothing, Men's, including Shirts.....	26	2,107	2,234	2,354	2,350	2,191	2,225	2,261	2,388	2,223	2,331	2,279	2,299	174	11.5
Males.....	26	884	952	987	994	920	853	951	977	981	1,013	962	960	274	12.7
Females.....	.....	1,223	1,282	1,367	1,356	1,271	1,292	1,310	1,361	1,242	1,368	1,327	1,339	172	12.4
Clothing, Women's.....	51	5,595	6,435	6,650	6,265	6,630	6,155	6,351	6,610	6,499	6,555	6,057	6,522	1,395	10.6
Males.....	51	2,855	2,855	2,840	2,239	2,155	2,239	2,216	2,365	2,316	2,290	2,104	1,870	366	30.0
Females.....	.....	3,615	4,188	4,310	4,094	3,730	4,000	4,112	4,245	4,263	4,275	3,952	1,870	869	19.9
Coffee, Spices and Peanuts, Roasting and Grinding.....	9	531	530	524	539	548	554	570	591	608	639	646	649	125	19.3
Males.....	9	365	367	350	359	386	388	376	383	394	411	413	414	58	18.3
Females.....	.....	176	173	174	180	188	186	194	208	214	228	233	235	67	28.4
Coffins, Burial Cases and Undertak- ers' Goods.....	3	151	155	151	159	153	152	168	194	200	195	190	170	49	24.5
Males.....	3	128	131	127	135	128	129	144	162	168	166	160	155	41	24.4
Females.....	.....	23	24	24	24	25	23	24	32	32	29	30	22	8	(7)
Confectionery and Ice Cream.....	19	889	874	893	874	877	876	888	945	1,039	1,237	1,250	1,161	483	34.6
Males.....	19	846	841	854	852	854	839	860	949	1,039	1,237	1,250	1,161	483	34.6
Females.....	.....	543	533	539	522	513	496	498	596	593	561	781	733	370	43.5

a Not computed owing to small number represented.

TABLE IV—Continued.
CUYAHOGA COUNTY — Continued

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
MANUFACTURES—Continued.															
Cooperage and Related Wooden Goods..	7	366	381	368	368	368	416	398	387	383	386	368	382	50	12.0
Males		366	381	368	368	368	416	398	387	383	386	368	382	50	12.0
Copper, Tin and Sheet Iron Products...	31	2,163	2,066	2,261	2,337	2,632	2,920	3,066	2,969	3,156	3,066	2,969	3,168	1,867	40.3
Males		1,923	1,908	1,969	2,068	2,313	2,510	2,762	2,724	2,896	2,896	2,896	3,168	1,867	42.8
Females		240	247	292	269	319	310	304	266	260	267	261	268	1,864	24.8
Cordials and Syrups.	3	84	81	89	86	89	133	60	69	64	63	60	56	78	86.6
Males		50	49	49	48	49	46	23	33	31	31	33	33	19	(a)
Females		34	32	40	37	40	87	23	36	33	32	27	22	65	(a)
Custom Tailoring, Men's and Women's.	32	331	304	334	377	376	364	310	198	314	372	371	361	179	47.5
Males		173	177	188	201	201	194	168	161	173	192	192	188	40	19.9
Females		158	127	146	176	176	168	142	37	141	180	179	173	143	79.4
Cutlery and Tools.	6	692	623	642	674	717	769	808	886	936	1,063	1,109	1,141	549	48.1
Males		556	534	602	633	675	727	767	842	891	987	1,039	1,077	522	46.5
Females		37	39	40	41	42	42	41	44	44	46	70	64	33	6
Dentists' Materials.	8	169	166	163	163	162	162	166	164	163	166	166	164	4	3.6
Males		112	112	115	115	113	111	114	114	113	116	116	114	4	3.6
Females		47	47	48	48	49	51	51	50	50	50	50	50	4	(a)
Electrical Machinery, Apparatus and Supplies	38	3,438	3,772	4,013	4,569	4,749	4,542	4,178	4,854	4,740	5,220	5,457	5,049	2,106	88.0
Males		3,098	3,396	3,633	4,146	4,333	4,165	3,816	4,967	4,854	5,220	5,457	5,049	1,961	83.6
Females		340	376	380	423	416	387	362	887	886	466	468	464	1,144	81.3
Enameling and Japanning.	4	167	166	171	186	198	186	162	119	122	120	133	180	79	39.9
Males		126	121	128	135	139	136	114	96	96	98	101	98	46	38.1
Females		41	45	43	50	59	49	38	24	27	22	32	82	33	(a)
Fancy Articles.	4	101	142	119	104	96	98	96	94	89	104	96	100	63	37.8
Males		36	45	40	39	45	46	46	39	40	51	48	47	16	(a)
Females		65	97	79	65	49	53	49	55	49	53	47	53	47	16
Flour Mill and Grist Mill Products.	11	191	192	182	184	183	184	190	180	181	197	192	206	50	11.7
Males		140	191	181	183	192	183	189	189	190	196	191	204	24	11.3
Females		51	1	1	1	1	1	1	1	1	1	1	1	1	1
Food Preparations	6	198	218	215	205	196	220	220	242	229	239	249	248	64	31.7
Males		128	127	126	126	116	131	119	134	130	133	142	140	27	19.0
Females		70	80	89	80	80	89	111	108	99	106	107	108	41	26.9
Forgings	15	2,710	2,833	2,983	3,106	3,467	3,718	3,767	4,066	4,267	4,488	4,690	4,787	2,027	42.8
Males		2,530	2,647	2,762	2,920	3,273	3,501	3,656	3,847	4,076	4,200	4,358	4,483	1,963	45.8
Females		186	186	196	186	194	212	222	219	221	286	332	304	69	24.2

Foundry and Machine Shop Products...	201	19,581	20,415	21,489	21,753	22,870	24,145	24,754	25,271	25,958	26,351	27,094	28,546	9,064	31.6
Males	.....	19,139	19,976	21,045	21,278	22,370	23,663	24,268	24,900	25,451	25,883	26,571	28,083	8,944	31.8
Females	.....	443	439	461	475	500	482	486	480	487	488	503	562	123	21.9
Furnishing Goods, Men's	4	.....	148	148	134	159	135	131	140	145	167	162	166	35	21.1
Males	.....	19	19	20	17	18	17	18	18	19	21	21	21	4	(e)
Females	.....	119	126	128	117	121	118	113	122	126	136	141	145	32	22.1
Furniture and Refrigerators	28	3,165	3,251	3,203	3,080	2,884	2,892	2,871	2,842	2,993	3,050	3,149	2,705	1,512	55.6
Males	.....	3,118	3,214	3,166	3,028	2,810	2,840	2,817	2,892	2,940	2,978	3,104	2,653	1,310	56.3
Females	.....	48	47	47	52	54	52	54	50	53	52	45	53	9	(e)
Gas and Electric Fixtures and Lamps	.....	1,583	1,563	1,626	1,640	1,806	1,851	1,837	1,928	2,014	2,229	2,375	2,541	978	38.5
and Reflectors	12	704	702	689	707	843	846	846	846	899	967	1,055	1,153	454	39.4
Males	.....	879	861	827	1,003	963	977	981	1,011	1,115	1,262	1,320	1,388	527	38.0
Females	.....	4	102	98	95	101	110	114	110	108	87	92	105	27	23.7
Hats and Caps, other than Felt, Straw	.....	44	43	42	43	45	45	47	44	45	42	45	43	5	(e)
and Wool	.....	60	59	56	52	46	65	67	66	58	45	47	63	22	(e)
Females	.....	1,346	1,287	1,351	1,341	1,478	1,541	1,627	1,671	1,745	1,821	1,764	1,725	584	32.1
Hosiery and Knit Goods	12	217	200	232	240	254	278	280	315	345	345	341	324	439	42.0
Males	.....	1,129	1,087	1,119	1,101	1,219	1,263	1,337	1,356	1,422	1,476	1,423	1,401	495	29.7
Females	.....	3	149	144	199	350	427	438	426	436	455	421	450	485	77.6
Ice, Manufactured	.....	149	143	144	199	350	427	438	426	436	455	421	450	485	77.6
Males	.....	975	981	987	1,018	1,056	1,001	1,047	1,037	1,033	995	992	983	81	7.7
Liquors, Malt	12	975	978	984	1,015	1,053	1,001	1,045	1,037	1,033	992	992	983	80	7.6
Males	.....	2	3	3	3	3	3	3	3	3	3	3	3	1	(e)
Females	.....	31	1,222	1,239	1,279	1,392	1,465	1,547	1,528	1,491	1,483	1,408	1,388	325	21.0
Lumber and Planing Mill Products	.....	1,223	1,222	1,239	1,279	1,392	1,465	1,547	1,528	1,491	1,483	1,408	1,388	325	21.0
Males	.....	14	110	107	129	137	142	134	129	138	142	152	155	48	31.0
Marble and Stone Works	.....	351	355	353	357	427	471	484	473	486	500	501	518	48	31.0
Males	.....	8	290	292	316	341	388	405	385	386	405	405	418	41.8	44.0
Mattresses and Spring Beds	.....	61	63	67	70	79	83	88	88	86	83	83	85	28	(e)
Females	.....	6	751	806	798	378	233	500	837	727	694	373	440	741	71.7
Millinery and Lace Goods	.....	195	220	220	205	179	153	181	202	208	182	164	161	67	30.5
Males	.....	586	584	675	593	199	140	319	635	519	502	209	202	674	82.8
Females	.....	13	106	109	111	120	123	128	125	120	107	102	102	28	21.9
Mineral and Soda Waters	.....	90	95	98	100	109	112	117	114	111	98	93	93	27	23.1
Males	.....	11	11	11	11	11	10	11	11	9	9	9	9	2	(e)
Females	.....	12	135	137	129	155	169	168	199	207	169	190	189	78	37.7
Models and Patterns, not Including	.....	146	145	136	128	155	163	167	188	206	168	189	188	78	37.9
Paper Patterns	.....	1	1	1	1	1	1	1	1	1	1	1	1	1	.....
Males	.....	31	1,094	1,195	1,219	1,289	1,288	1,255	1,189	1,166	1,161	1,151	1,173	205	15.9
Females	.....	1,094	1,178	1,458	1,075	1,137	1,152	1,103	1,074	1,054	1,052	1,086	1,051	185	16.1
Paint and Varnish	.....	118	137	137	201	162	136	132	115	112	109	115	123	43	28.3
Males	.....	203	203	205	201	192	194	194	203	203	205	215	217	28	11.5
Females	.....	3	170	175	173	207	165	168	174	177	177	182	190	25	13.2
Paper and Wood Pulp	.....	33	32	30	28	27	26	26	29	26	28	29	27	7	(e)
Males	.....	7	82	95	108	95	73	64	59	86	85	85	85	49	46.4
Females	.....	45	57	55	44	40	36	34	35	37	37	38	38	10	(e)
Patent Medicines and Drug Compounds	.....	45	57	55	44	40	36	34	35	37	37	38	38	10	(e)
Males	.....	45	57	55	44	40	36	34	35	37	37	38	38	10	(e)
Females	.....	45	57	55	44	40	36	34	35	37	37	38	38	10	(e)

a Not computed owing to small number represented.

TABLE IV—Continued.
 CUYAHOGA COUNTY — Concluded

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
MANUFACTURES—Concluded.															
Petroleum Refining.....	3	477	450	461	512	494	537	571	572	684	734	733	798	348	42.6
Males.....	.....	475	449	454	504	491	534	568	569	681	731	731	797	346	43.7
Females.....	.....	2	1	7	8	3	3	3	3	3	3	2	1	2	(0)
Photo-Engraving.....	6	138	163	170	169	171	168	155	163	174	180	175	171	42	23.2
Males.....	.....	134	160	168	164	165	164	151	159	167	173	167	166	39	22.5
Females.....	.....	4	3	2	5	6	4	4	4	7	7	8	5	3	(0)
Printing and Publishing.....	111	8,460	8,450	8,446	8,365	8,403	8,313	8,247	8,261	8,260	8,437	8,461	8,500	353	4.2
Males.....	.....	2,970	2,962	2,947	2,921	2,908	2,878	2,768	2,796	2,817	2,920	2,933	2,978	210	7.1
Females.....	.....	490	488	507	474	495	471	479	466	453	507	508	522	43	8.8
Rubber Products.....	3	895	933	936	973	966	1,065	1,038	976	923	978	1,062	1,252	357	27.7
Males.....	.....	893	931	934	971	965	1,063	1,037	974	922	976	1,061	1,251	355	27.6
Females.....	.....	2	2	2	2	1	2	1	2	1	2	1	1	2	(0)
Ship Building, including Boat Building.....	5	288	314	330	316	318	321	331	286	281	319	319	373	85	29.5
Males.....	.....	288	314	330	316	318	321	331	286	281	319	319	373	85	29.5
Females.....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)
Slaughtering and Meat Packing.....	18	2,017	1,792	1,931	1,499	1,338	1,551	1,610	1,478	1,418	1,434	1,631	1,917	729	36.1
Males.....	.....	1,948	1,705	1,829	1,447	1,289	1,496	1,560	1,424	1,369	1,376	1,564	1,790	690	35.3
Females.....	.....	69	87	102	52	49	55	60	64	49	58	67	81	39	5.6
Steel Works and Rolling Mills.....	10	6,419	6,513	6,472	7,239	7,096	7,730	7,861	8,400	8,413	7,503	7,536	7,882	467	7.3
Males.....	.....	6,395	6,493	6,450	7,215	7,067	7,700	7,832	8,370	8,380	7,470	7,499	7,846	465	7.3
Females.....	.....	24	20	22	24	29	30	29	30	33	33	37	40	2	(0)
Stoves and Furnaces.....	20	2,658	2,760	2,851	2,871	2,888	2,796	2,372	2,423	2,466	2,649	2,686	2,773	117	4.4
Males.....	.....	2,605	2,707	2,802	2,813	2,825	2,739	2,319	2,370	2,413	2,591	2,629	2,717	116	4.4
Females.....	.....	53	53	49	58	63	57	53	53	53	58	57	56	1	(0)
Tobacco Manufactures.....	17	1,190	1,193	1,257	1,272	1,255	1,282	1,271	1,293	1,336	1,320	1,304	1,247	146	12.3
Males.....	.....	1,190	1,193	1,257	1,272	1,255	1,282	1,271	1,293	1,336	1,320	1,304	1,247	146	12.3
Females.....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)
Wire Work, including Wire Rope and Cable.....	13	220	241	278	303	311	298	279	298	279	244	244	264	108	49.1
Males.....	.....	190	212	247	272	278	267	247	264	244	244	244	264	99	52.1
Females.....	.....	30	29	31	31	33	31	32	34	35	35	37	40	9	3.0
Woolen, Worsted and Felt Goods.....	8	2,213	2,155	2,155	2,067	1,859	1,920	1,824	1,921	1,920	1,940	1,966	1,976	354	16.0
Males.....	.....	608	600	613	601	646	656	629	637	654	665	680	697	84	13.7
Females.....	.....	1,605	1,555	1,542	1,466	1,213	1,264	1,201	1,284	1,266	1,275	1,286	1,279	270	12.3
SERVICE—															
Amusement Parks.....	9	208	241	241	278	445	497	524	511	296	211	218	213	380	63.0
Males.....	.....	172	195	217	247	371	402	419	407	243	185	186	179	247	58.9
Females.....	.....	22	23	24	31	74	95	105	104	53	26	32	34	33	7.0

Garages	23	401	410	430	409	526	533	540	523	540	549	553	161	28.6
Males	.....	339	408	437	416	533	535	538	540	549	547	554	161	28.8
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hotels	33	1,867	1,867	1,860	1,894	1,993	1,949	3,477	3,512	1,977	1,977	1,930	1,639	(7) 2
Males	.....	1,215	1,201	1,203	1,233	1,310	1,270	2,774	2,831	1,346	1,346	1,268	1,630	(7) 2
Females	.....	652	666	657	661	683	679	699	681	631	631	662	671	6.7
Laundries and Dry Cleaners	40	1,857	1,833	1,899	2,263	2,318	2,256	1,967	1,983	1,999	1,999	1,912	480	20.7
Males	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Office Buildings	56	1,157	1,145	1,166	1,194	1,223	1,189	1,197	1,192	1,159	1,159	1,167	402	38.7
Males	.....	1,130	1,126	1,133	1,164	1,140	1,122	1,098	1,065	1,090	1,090	1,088	402	38.7
Females	.....	631	619	633	630	678	661	699	632	632	632	633	402	38.7
Professional	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males	.....	449	472	481	483	479	466	469	433	433	433	433	48	10.9
Females	.....	27	31	31	33	78	89	83	104	123	111	111	48	10.9
Restaurants	33	632	630	631	641	639	633	646	653	640	647	636	31	78.7
Males	.....	343	337	344	339	340	340	343	351	351	351	345	31	78.7
Females	.....	289	293	287	297	299	293	303	302	289	296	291	15	4.3
Saloons	15	368	372	367	367	356	351	348	338	338	338	338	25	8.3
Males	.....	309	311	306	307	297	293	288	286	286	286	286	25	8.3
Females	.....	59	61	61	60	59	58	60	52	52	52	52	20	9.2
Theaters	16	380	382	382	382	382	382	382	382	382	382	382	20	(7) 5
Males	.....	232	234	234	235	235	235	235	235	235	235	235	20	63.2
Females	.....	58	58	58	58	58	58	58	58	58	58	58	20	(7) 5
TRADE—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Retail and Wholesale Stores	403	6,092	5,978	6,113	6,315	6,334	6,157	6,149	6,140	6,243	6,686	6,949	971	14.0
Males	.....	4,753	4,651	4,690	4,832	4,825	4,826	4,843	4,918	4,923	5,141	5,279	728	13.5
Females	.....	1,339	1,327	1,423	1,483	1,499	1,331	1,306	1,222	1,310	1,545	1,570	243	22.2
Yards, Coal and Lumber	90	1,508	1,595	1,638	1,653	1,699	1,761	1,711	1,732	1,745	1,808	1,862	354	19.0
Males	.....	1,294	1,379	1,415	1,460	1,508	1,591	1,540	1,511	1,570	1,658	1,715	422	21.6
Females	.....	214	216	221	193	191	170	171	171	170	150	146	70	32.4
TRANSPORTATION AND PUBLIC UTILITIES—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carriage (Drayage) and Storage, In-cluding Livestock	53	847	846	865	954	951	974	925	940	996	1,007	978	259	23.4
Males	.....	845	846	865	954	948	974	925	937	994	1,004	978	259	23.5
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Electric Light and Power	4	867	737	767	710	710	686	750	876	880	979	944	283	30.9
Males	.....	867	737	767	710	710	686	750	876	880	979	944	283	30.9
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Electric Railroads	5	4,993	5,022	4,992	5,422	5,847	6,157	6,338	6,174	6,172	5,765	5,531	1,370	21.8
Males	.....	4,959	5,013	4,983	5,413	5,838	6,148	6,328	6,170	6,172	5,765	5,531	1,369	21.8
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Telegraph and Telephone	7	2,294	2,294	2,470	2,602	2,752	3,006	2,832	2,959	2,919	2,971	2,672	765	36.3
Males	.....	2,250	2,255	2,422	2,592	2,732	3,006	2,832	2,959	2,919	2,971	2,672	765	36.3
Females	.....	1,464	1,439	1,548	1,590	1,686	1,666	1,667	1,663	1,642	1,619	1,627	228	42.8
Transportation by Water, In-cluding Stevedoring	11	295	320	357	637	903	1,206	1,216	1,237	1,288	1,068	510	1,023	79.4
Males	.....	284	316	356	630	893	1,178	1,186	1,233	1,253	1,062	509	985	79.0
Females	.....	1	1	1	7	10	23	30	22	20	6	1	20	(7) 0

a Not computed owing to small number represented.

TABLE IV—Continued.
FRANKLIN COUNTY

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.
ALL INDUSTRIES	1,109	24,843	25,238	26,514	27,914	28,246	28,606	29,831	29,969	31,324	31,919	32,789	32,609	7,946	24.2
Males	.....	20,081	20,400	21,636	22,952	22,271	22,638	23,154	23,214	25,226	25,743	27,730	27,416	7,649	27.6
Females	.....	4,762	4,838	4,878	4,962	4,975	4,968	4,677	4,755	6,098	6,176	5,059	5,193	516	9.9
AGRICULTURE—															
Florists, Fruit Growers, Nurserymen and Seedmen	8	104	120	135	149	131	141	134	119	110	114	101	95	54	36.2
Males	.....	93	106	121	136	126	139	132	117	107	110	98	89	50	35.6
Females	.....	11	14	14	13	5	2	2	2	3	4	5	6	13	(a)
CONSTRUCTION—															
Brick, Stone and Cement Work	17	75	96	84	162	178	210	197	217	216	243	244	155	169	69.3
Males	.....	75	96	84	162	178	210	197	217	216	243	244	155	169	69.3
General Contracting	81	697	676	676	898	1,098	1,238	1,406	1,476	1,446	1,473	1,480	1,224	894	54.3
Males	.....	697	676	676	898	1,098	1,238	1,406	1,476	1,446	1,473	1,480	1,224	894	54.3
Plastering	7	13	27	16	29	26	47	48	75	64	91	153	128	140	91.5
Males	.....	13	27	16	29	26	47	48	75	64	91	153	128	140	91.5
Plumbing and Steam Fitting	11	186	158	207	226	241	255	273	257	267	282	285	268	127	44.6
Males	.....	186	158	207	226	241	255	273	257	267	282	285	268	127	44.6
Sheet Metal Work and Roofing	15	143	144	127	148	153	154	163	181	210	217	215	203	90	41.5
Males	.....	143	144	127	148	153	154	163	181	210	217	215	203	90	41.5
Street, Road and Sewer Contracting	22	38	44	149	511	629	530	736	836	951	1,026	778	457	988	96.3
Males	.....	38	44	149	511	629	530	736	836	951	1,026	778	457	988	96.3
MANUFACTURES—															
Automobiles, including Bodies and Parts	10	619	663	741	740	820	813	772	677	771	785	765	811	201	24.5
Males	.....	521	558	640	641	657	658	648	596	683	659	661	663	163	23.7
Females	.....	98	105	101	99	163	155	124	81	88	126	114	148	82	50.3
Bolts, Nuts, Washers and Rivets, not made in Steel Works or Rolling Mills	3	424	448	476	478	467	478	511	529	554	548	545	573	139	24.3
Males	.....	375	386	403	403	391	400	430	447	464	471	469	491	116	23.6
Females	.....	69	60	73	75	76	78	81	82	90	77	76	82	31	(a)
Boots and Shoes, including Cut Stock and Findings	10	1,532	1,546	1,567	1,552	1,562	1,585	1,593	1,624	1,638	1,645	1,671	1,697	165	9.7
Males	.....	767	779	791	791	771	790	792	810	826	829	859	864	97	11.2
Females	.....	765	767	776	761	791	795	801	814	812	816	812	833	72	8.6
Boxes, Fancy and Paper	3	80	76	77	73	74	75	83	85	93	104	107	110	37	33.6
Males	.....	31	31	29	27	28	28	39	38	39	39	39	46	18	(a)
Females	.....	49	45	47	46	46	47	44	47	54	65	68	65	24	(a)

Brass and Bronze Products.....	3	72	74	72	76	73	85	94	88	93	117	107	97	45	38.5
Males	1	71	73	72	76	72	84	93	87	88	115	105	96	44	(a)
Females	2	414	413	407	400	409	417	415	409	427	431	440	434	40	8.1
Bread and other Bakery Products.....	28	142	143	143	140	142	143	144	146	151	150	155	150	25	9.7
Males	9	161	163	161	160	162	163	163	163	166	165	166	164	35	8.8
Females	19	161	163	161	160	162	163	163	163	166	165	166	164	112	41.5
Brick and Tile.....	4	105	111	113	114	147	140	131	130	128	121	114	115	42	41.5
Males	1	91	98	102	115	124	115	109	107	103	102	98	96	32	28.5
Females	3	14	15	16	19	24	35	25	23	23	19	16	19	11	(a)
Butter, Cheese and Condensed Milk.....	9	282	312	346	364	398	340	275	231	213	206	206	206	192	48.2
Males	9	282	312	346	364	398	340	275	231	213	206	206	206	192	48.2
Females	9	282	312	346	364	398	340	275	231	213	206	206	206	192	48.2
Carriages, Wagons and Materials.....	8	121	151	146	141	162	163	163	163	160	173	162	167	62	30.1
Males	8	121	151	146	141	162	163	163	163	160	173	162	167	62	30.1
Females	8	121	151	146	141	162	163	163	163	160	173	162	167	62	30.1
Confectionery and Ice Cream.....	6	153	178	190	181	163	176	176	183	157	176	176	183	42	(a)
Males	6	153	178	190	181	163	176	176	183	157	176	176	183	42	(a)
Females	6	153	178	190	181	163	176	176	183	157	176	176	183	42	(a)
Copper, Tin and Sheet Iron Products.....	19	119	116	129	129	129	129	129	129	121	121	129	129	21	15.6
Males	19	119	116	129	129	129	129	129	129	121	121	129	129	21	15.6
Females	19	119	116	129	129	129	129	129	129	121	121	129	129	21	15.6
Custom Tailoring, Men's and Women's.....	3	142	147	158	222	186	157	169	265	354	162	167	306	12	(a)
Males	3	142	147	158	222	186	157	169	265	354	162	167	306	12	(a)
Females	3	142	147	158	222	186	157	169	265	354	162	167	306	12	(a)
Fertilizers.....	10	115	115	110	105	97	101	102	114	106	111	111	111	1	(a)
Males	10	115	115	110	105	97	101	102	114	106	111	111	111	1	(a)
Females	10	115	115	110	105	97	101	102	114	106	111	111	111	1	(a)
Flour and Grist Mill Products.....	5	343	355	380	386	389	385	347	402	424	435	461	507	18	15.7
Males	5	343	355	380	386	389	385	347	402	424	435	461	507	18	15.7
Females	5	343	355	380	386	389	385	347	402	424	435	461	507	18	15.7
Foundry and Machine Shop Products.....	40	2,690	2,814	3,069	3,190	3,040	3,285	3,664	3,889	4,112	4,379	4,505	4,819	2,128	44.2
Males	40	2,690	2,814	3,069	3,190	3,040	3,285	3,664	3,889	4,112	4,379	4,505	4,819	2,128	44.2
Females	40	2,690	2,814	3,069	3,190	3,040	3,285	3,664	3,889	4,112	4,379	4,505	4,819	2,128	44.2
Furniture and Refrigerators.....	9	281	296	303	307	314	309	309	322	300	307	301	284	33	10.5
Males	9	281	296	303	307	314	309	309	322	300	307	301	284	33	10.5
Females	9	281	296	303	307	314	309	309	322	300	307	301	284	33	10.5
Gas and Electric Fixtures and Lamps.....	6	827	408	584	593	507	509	498	456	457	457	515	535	366	44.9
Males	6	827	408	584	593	507	509	498	456	457	457	515	535	366	44.9
Females	6	827	408	584	593	507	509	498	456	457	457	515	535	366	44.9
Glass.....	3	981	988	985	985	872	11	12	14	17	19	20	20	46	(a)
Males	3	981	988	985	985	872	11	12	14	17	19	20	20	46	(a)
Females	3	981	988	985	985	872	11	12	14	17	19	20	20	46	(a)
Ice, Manufactured.....	6	134	137	141	151	147	146	143	150	149	146	157	157	13	28.5
Males	6	134	137	141	151	147	146	143	150	149	146	157	157	13	28.5
Females	6	134	137	141	151	147	146	143	150	149	146	157	157	13	28.5
Liquors, Malt.....	6	663	663	642	656	673	681	693	693	691	672	666	642	104	47.9
Males	6	663	663	642	656	673	681	693	693	691	672	666	642	104	47.9
Females	6	663	663	642	656	673	681	693	693	691	672	666	642	104	47.9
Lumber and Planing Mill Products.....	17	283	275	281	316	335	320	301	293	289	282	287	290	60	9.8
Males	17	283	275	281	316	335	320	301	293	289	282	287	290	60	9.8
Females	17	283	275	281	316	335	320	301	293	289	282	287	290	60	9.8

a Not computed owing to small number represented.

TABLE IV—Continued.
FRANKLIN COUNTY — Concluded

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
MANUFACTURES—Concluded.															
Military and Lace Goods.....	5	81	176	134	97	48	48	69	148	141	100	56	73	128	72.7
Males.....	18	21	31	20	20	16	20	29	31	38	30	31	28	128	81.9
Females.....	25	155	145	103	77	30	32	40	117	103	70	31	28	127	81.9
Printing and Publishing.....	45	1,089	1,043	1,088	1,088	1,048	1,088	1,023	1,019	1,086	1,081	1,013	1,086	127	81.9
Males.....	45	804	815	823	823	820	816	806	796	800	848	813	823	43	5.1
Females.....	286	285	274	228	263	228	272	217	223	286	233	206	263	41	16.7
Shoe Cases.....	4	161	165	187	183	173	169	156	157	173	176	173	171	30	16.0
Males.....	158	162	184	187	180	170	168	156	157	170	174	171	169	20	15.8
Females.....	3	3	3	3	3	3	3	2	2	2	2	2	2	1	1
Slaughtering and Meat Packing.....	4	289	285	215	214	210	219	211	208	209	220	228	230	31	13.0
Males.....	289	285	215	214	210	210	219	211	208	209	220	228	230	31	13.0
Females.....	7	249	246	252	251	255	262	262	307	307	321	336	336	37	35.9
Stoves and Furnaces.....	7	249	246	252	251	255	262	262	307	307	321	336	336	37	35.9
Males.....	249	246	252	251	255	262	262	261	307	307	321	336	336	37	35.9
Females.....	249	246	252	251	255	262	262	261	307	307	321	336	336	37	35.9
Tobacco Manufactures.....	4	194	186	178	185	173	175	179	173	168	179	172	175	29	14.9
Males.....	24	24	24	24	22	22	24	24	22	22	24	26	26	9	14.9
Females.....	170	170	154	164	160	151	151	157	155	144	155	146	149	26	15.3
SERVICE—															
Garages.....	14	126	131	125	125	124	126	122	130	133	130	138	124	10	7.5
Males.....	126	126	126	126	126	126	126	126	126	126	126	126	126	10	7.6
Females.....	13	126	126	126	126	126	126	126	126	126	126	126	126	10	7.6
Hotels.....	18	784	785	787	783	784	782	781	782	785	785	783	780	81	4.3
Males.....	486	486	486	486	486	486	486	486	486	486	486	486	486	81	4.3
Females.....	298	299	301	297	298	298	296	295	296	299	299	297	294	13	5.2
Laundries and Dry Cleaners.....	21	680	686	684	680	677	675	683	671	683	704	707	709	46	6.6
Males.....	179	177	177	184	185	183	183	183	183	183	185	185	187	18	9.2
Females.....	501	509	500	496	492	494	492	500	488	500	519	522	522	49	9.6
Office Buildings.....	12	191	191	191	191	191	191	191	191	191	191	191	191	7	5.6
Males.....	191	191	191	191	191	191	191	191	191	191	191	191	191	7	5.6
Females.....	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5.6
Restaurants.....	11	328	322	314	319	321	323	324	316	344	322	321	322	30	8.7
Males.....	169	168	161	167	175	177	177	174	162	175	168	168	163	17	8.0
Females.....	159	154	153	152	146	146	146	150	154	169	154	153	159	13	10.1
Theaters.....	4	88	87	88	87	89	89	89	89	89	89	89	89	71	59.7
Males.....	72	72	72	72	72	72	72	72	72	72	72	72	72	62	81.4
Females.....	16	16	16	16	16	16	16	16	16	16	16	16	16	10	6.6

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TABLE IV—Continued.
HAMILTON COUNTY — Continued

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
MANUFACTURES—															
Automobiles, Including Bodies and Parts	9	330	331	439	611	563	532	563	562	559	562	620	714	384	53.8
Males	7	323	320	425	596	549	551	551	562	550	563	613	699	379	54.3
Females	2	7	11	14	15	19	21	12	1	9	9	8	15	5	(a)
Bags, Paper	3	217	224	213	241	213	211	197	187	211	210	211	204	154	22.4
Males	115	104	106	105	107	108	100	95	92	97	98	96	96	23	20.0
Females	102	120	113	113	134	115	111	102	96	114	113	115	109	23	20.0
Baking Powder and Yeast	3	233	267	246	236	233	245	189	237	237	227	238	243	94	33.2
Males	198	192	177	177	165	160	165	116	165	165	150	153	163	80	40.8
Females	37	76	69	69	71	73	80	73	72	72	77	85	80	13	(a)
Boots and Shoes, Including Cut Stock and Findings	30	7,552	7,551	7,375	6,534	6,338	6,311	7,055	7,310	7,159	7,030	7,236	7,543	1,164	15.4
Males	28	4,546	4,660	4,416	4,023	3,868	4,069	4,187	4,335	4,259	4,196	4,341	4,634	692	15.2
Females	2	3,007	2,891	2,959	2,513	2,520	2,242	2,868	2,985	2,900	2,834	2,895	3,009	497	16.5
Boxes, Cigar	5	142	143	141	146	140	132	129	128	138	146	143	144	117	11.7
Males	70	71	68	68	72	72	63	60	62	67	67	68	63	12	(a)
Females	72	72	73	71	73	68	69	69	66	71	79	75	76	13	(a)
Boxes, Fancy and Paper	17	663	658	653	648	657	647	631	645	673	731	753	740	122	16.2
Males	183	182	180	183	183	181	176	176	180	192	206	221	208	45	20.4
Females	480	476	473	465	474	474	466	455	465	480	525	532	532	77	14.5
Brass and Bronze Products	5	140	126	127	131	131	135	136	147	146	155	163	173	47	27.3
Males	139	125	126	130	131	131	135	135	146	146	154	162	172	47	27.3
Females	1	1	1	1	1	1	1	1	1	1	1	1	1	1	(a)
Bread and other Bakery Products	88	1,431	1,482	1,467	1,320	1,355	1,306	1,332	1,285	1,235	1,302	1,454	1,486	167	12.6
Males	131	1,140	1,147	1,147	1,019	1,060	1,022	1,016	981	1,013	1,025	1,132	1,123	157	14.5
Females	300	342	320	311	301	295	284	316	314	323	327	322	313	42	12.8
Brick and Tile	8	40	39	39	121	136	205	187	203	223	194	223	164	63	82.5
Males	40	39	39	39	121	136	205	187	203	223	194	223	164	63	82.5
Butter, Cheese and Condensed Milk	7	85	85	83	84	82	107	112	104	104	104	101	100	184	25.9
Males	74	73	71	71	76	75	86	87	84	82	81	77	78	16	14
Females	11	12	12	13	17	17	21	25	20	13	23	24	24	16	(a)
Canning and Preserving Fruits and Vegetables	5	85	93	122	87	107	131	128	145	129	128	126	104	69	40.7
Males	33	33	33	40	35	36	27	39	42	43	42	43	36	10	(a)
Females	53	60	82	52	52	71	94	89	103	86	86	83	68	51	40.5
Carrriages, Wagons and Materials	47	956	1,107	1,211	1,230	1,177	1,123	833	893	891	896	928	949	374	32.0
Males	915	1,069	1,149	1,163	1,163	1,119	1,071	794	855	853	798	868	923	374	32.0
Females	41	63	63	63	63	63	63	39	38	38	38	40	46	24	(a)

Chemicals, Acids and Wood Distilla- tion	15	282	222	130	174	185	236	200	169	174	187	186	198	83	23.9
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	(9)
Females	88	5,216	5,439	5,772	5,721	5,776	5,633	5,451	5,637	5,831	5,965	5,886	5,857	779	13.0
Clothing, Men's, Including Shirts	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13.0
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13.0
Females	23	3,719	3,827	4,063	3,983	4,065	3,970	3,859	3,963	4,133	4,206	4,122	4,108	497	18.6
Clothing, Women's	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18.6
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18.6
Females	9	154	147	146	148	153	150	149	142	144	147	156	157	151	21.8
Coffee, Spices and Peanuts, Roasting and Grinding	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21.8
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21.8
Females	34	736	739	723	716	743	773	774	796	1,001	1,263	1,190	1,250	647	8.6
Confectionery and Ice Cream	1	1	1	1	1	1	1	1	1	1	1	1	1	1	(9)
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	(9)
Females	12	366	362	362	366	368	381	388	391	393	396	428	435	473	45.3
Cooperage and Related Wooden Goods	1	1	1	1	1	1	1	1	1	1	1	1	1	1	45.3
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	45.3
Females	30	1,294	1,252	1,251	1,406	1,366	1,449	1,457	1,473	1,557	1,513	1,646	1,486	276	57.3
Copper, Tin and Sheet Iron Products	1	1	1	1	1	1	1	1	1	1	1	1	1	1	57.3
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	57.3
Females	3	134	139	138	126	136	144	154	154	168	183	184	187	61	24.0
Cotton Goods, Including Cotton Small Wares	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24.0
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24.0
Females	51	667	669	670	715	686	668	644	651	680	719	721	704	170	32.6
Custom Tailoring, Men's and Women's	1	1	1	1	1	1	1	1	1	1	1	1	1	1	32.6
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	32.6
Females	19	1,344	1,305	1,285	1,226	1,278	1,402	1,391	1,408	1,488	1,573	1,683	1,784	508	28.3
Electrical Machinery, Apparatus and Supplies	1	1	1	1	1	1	1	1	1	1	1	1	1	1	28.3
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	28.3
Females	4	246	253	253	263	269	278	286	294	315	348	361	366	60	46.5
Fancy Articles	1	1	1	1	1	1	1	1	1	1	1	1	1	1	46.5
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	46.5
Females	4	229	227	231	244	244	252	241	246	287	318	331	336	106	82.8
Flags, Banners and Regalia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	82.8
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	82.8
Females	3	106	151	166	161	161	183	163	188	230	332	382	496	308	13.1
Fertilizers	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13.1
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13.1
Females	6	224	241	310	370	368	380	261	324	617	261	220	221	397	64.3
Flour Mill and Grist Mill Products	1	1	1	1	1	1	1	1	1	1	1	1	1	1	64.3
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	64.3
Females	10	130	126	124	120	121	124	119	118	131	131	124	126	13	8.9
Forgings	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8.9
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8.9
Females	170	10,224	10,765	11,549	11,983	12,348	12,676	13,273	13,565	13,866	14,027	12,043	12,968	3,671	10.1
Foundry and Machine Shop Products	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10.1
Males	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10.1
Females	11	10,182	10,765	11,498	11,983	12,348	12,676	13,273	13,565	13,866	14,027	12,043	12,968	3,671	69.5
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	69.5

* Not computed owing to small number represented.

TABLE IV—Continued.
HAMILTON COUNTY — Continued

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.
MANUFACTURES—Continued.															
Furnishing Goods, Men's.....	6	199	211	214	206	207	211	215	217	216	230	232	225	33	14.2
Males.....	13	18	17	16	16	17	17	19	19	17	18	19	19	3	(a)
Females.....	191	193	197	191	190	190	194	196	193	199	213	213	206	82	12.0
Furniture and Refrigerators.....	39	2,055	2,166	2,233	2,211	2,157	2,165	2,069	2,077	2,119	2,183	2,335	2,447	393	19.0
Males.....	1,854	1,977	2,063	2,045	2,011	2,011	2,024	1,917	1,943	1,989	2,042	2,136	2,234	380	17.0
Females.....	201	189	170	166	146	146	141	142	134	130	141	199	213	83	30.0
Gas and Electric Fixtures and Lamps.....	3	263	324	371	441	409	391	339	323	318	364	353	333	173	40.4
Males.....	259	326	365	432	400	382	362	330	316	311	354	343	332	177	40.0
Females.....	4	37	6	6	9	9	9	9	7	7	10	10	11	7	(a)
Glass, Cutting, Staining and Ornamenting.....	8	209	207	208	199	198	190	204	211	213	210	218	208	28	12.8
Males.....	160	159	161	149	148	148	142	153	163	165	162	169	161	27	16.0
Females.....	49	48	47	50	50	50	48	51	48	48	48	49	47	4	(a)
Grease and Tallow.....	4	212	213	234	222	233	225	238	195	234	230	215	209	96	33.4
Males.....	207	208	229	217	233	238	220	223	190	226	225	212	205	98	34.0
Females.....	5	5	5	5	5	5	5	5	5	5	5	4	4	4	(a)
Hair Work.....	108	107	106	105	105	108	106	107	101	102	99	100	102	6	8.3
Males.....	73	73	73	73	71	71	72	72	67	67	68	70	72	6	(a)
Females.....	35	34	33	33	32	32	34	35	34	35	31	30	30	6	(a)
Hats and Caps, other than Felt, Straw and Wool.....	8	241	239	235	230	234	234	177	172	226	229	232	232	69	28.6
Males.....	61	61	61	60	63	63	64	52	49	61	61	64	68	19	(a)
Females.....	180	178	174	170	171	170	170	125	128	165	168	168	164	57	31.7
Ice, Manufactured.....	20	149	180	181	212	252	273	261	276	254	188	161	143	143	61.8
Males.....	148	179	180	211	251	251	272	260	275	253	187	160	133	143	62.0
Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	(a)
Ink, Printing.....	7	270	271	270	270	269	269	269	272	273	276	265	261	23	7.5
Males.....	267	268	267	267	266	266	266	266	269	270	273	262	258	23	7.6
Females.....	3	3	3	3	3	3	3	3	3	3	3	3	3	3	(a)
Jewelry.....	13	213	215	216	209	206	211	209	204	212	220	223	230	26	11.3
Males.....	154	151	153	177	175	175	175	173	173	190	190	191	186	23	11.3
Females.....	34	34	33	32	33	33	32	31	31	33	32	32	36	3	(a)
Leather, Tanned, Curried and Finished.....	12	667	692	687	673	694	685	684	675	663	684	696	717	54	7.5
Males.....	667	692	687	673	694	684	680	680	678	667	684	696	717	54	7.5
Females.....	162	162	162	162	161	161	160	160	160	167	174	177	187	27	14.4
Liquors, Distilled.....	3	160	159	159	159	158	157	157	160	157	162	164	176	16	10.3
Males.....	159	158	158	158	158	158	157	157	160	157	162	164	176	16	10.3
Females.....	3	3	3	3	3	3	3	3	3	3	3	3	3	10	(a)

Liquors, Malt	19	1,547	1,522	1,531	1,555	1,619	1,627	1,655	1,628	1,572	1,514	1,498	1,463	192	11.6
Males	.....	1,539	1,514	1,523	1,547	1,611	1,619	1,647	1,620	1,564	1,508	1,487	1,455	192	11.7
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Looking Glass and Picture Frames	3	104	176	175	189	184	172	169	188	197	205	198	185	101	49.3
Males	.....	.....	167	166	190	176	163	160	176	124	191	184	172	91	47.6
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lumber and Planing Mill Products	45	1,840	1,824	1,901	2,021	2,065	2,018	1,945	1,972	2,063	2,044	2,100	2,099	260	12.4
Males	.....	1,839	1,823	1,900	2,020	2,064	2,018	1,944	1,971	2,063	2,044	2,099	2,098	260	12.4
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marble and Stone Works	10	144	152	168	155	160	140	138	155	171	170	144	146	33	19.3
Males	.....	144	152	168	155	160	140	138	155	171	170	144	146	33	19.3
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mattresses and Spring Beds	10	516	516	539	543	561	547	536	520	522	530	520	510	30	7.4
Males	.....	516	516	539	543	561	547	536	520	522	530	520	510	30	7.4
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Millinery and Lace Goods	9	349	353	377	379	383	378	368	362	366	370	373	367	26	15.4
Males	.....	349	353	377	379	383	378	368	362	366	370	373	367	26	15.4
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mineral and Soda Waters	11	284	293	339	250	150	135	136	138	290	225	126	145	13	71.1
Males	.....	284	293	339	250	150	135	136	138	290	225	126	145	13	71.1
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Models and Patterns, not including Paper Patterns	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paint and Varnish	19	464	465	467	466	450	452	460	461	454	453	476	474	54	11.0
Males	.....	464	465	467	466	450	452	460	461	454	453	476	474	54	11.0
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paper and Wood Pulp	4	464	415	518	510	488	594	491	499	461	516	512	527	179	30.1
Males	.....	464	415	518	510	488	594	491	499	461	516	512	527	179	30.1
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Patent Medicines and Drug Compounds	14	183	215	216	213	216	211	200	202	201	204	208	235	42	17.9
Males	.....	183	215	216	213	216	211	200	202	201	204	208	235	42	17.9
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Photo-Engraving	9	106	127	130	126	129	120	116	116	117	117	121	145	40	27.6
Males	.....	106	127	130	126	129	120	116	116	117	117	121	145	40	27.6
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pianos, Organs and Materials	8	799	791	812	772	806	779	789	794	823	853	747	868	121	13.9
Males	.....	799	791	812	772	806	779	789	794	823	853	747	868	121	13.9
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pottery, Terra-Cotta and Fire Clay Products	4	121	114	109	109	118	112	131	148	172	136	134	122	63	38.6
Males	.....	121	114	109	109	118	112	131	148	172	136	134	122	63	38.6
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and Publishing	161	4,885	4,900	4,843	4,792	4,811	4,866	4,819	4,781	4,931	4,992	5,086	5,085	397	26.9
Males	.....	4,885	4,900	4,843	4,792	4,811	4,866	4,819	4,781	4,931	4,992	5,086	5,085	397	26.9
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Safes and Vaults	4	468	468	446	470	456	460	460	460	448	431	431	431	219	46.5
Males	.....	468	468	446	470	456	460	460	460	448	431	431	431	219	46.5
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Signs and Advertising Novelties	13	323	341	360	373	381	417	416	408	386	376	363	424	102	24.1
Males	.....	323	341	360	373	381	417	416	408	386	376	363	424	102	24.1
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

a Not computed owing to small number represented.

TABLE IV—Continued.
HAMILTON COUNTY — Concluded

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.											Variation from maximum.			
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.	
MANUFACTURES—Concluded.																
Slaughtering and Meat Packing.	21	1,139	1,137	1,021	1,035	1,043	1,056	1,073	1,075	1,077	1,071	1,124	1,199	178	14.8	
Males	.....	1,149	1,099	1,001	1,013	1,020	1,034	1,049	1,047	1,050	1,044	1,098	1,162	161	13.9
Females	.....	40	38	20	22	22	22	24	28	27	27	26	37	20	(g)
Soap and Candles.	11	2,154	2,217	2,189	2,183	2,137	2,173	2,133	2,175	2,230	2,355	2,387	2,335	250	10.5	
Males	.....	1,711	1,753	1,706	1,713	1,693	1,681	1,653	1,646	1,745	1,803	1,849	1,803	203	11.0
Females	.....	443	464	483	470	444	492	480	529	485	552	538	532	109	19.7
Stereotyping and Electrotyping.	5	173	174	174	175	173	182	163	172	169	175	172	172	13	7.4	
Males	.....	173	174	174	175	173	182	163	172	169	175	172	172	13	7.4
Stores and Furnaces.	10	679	735	800	836	805	766	713	749	798	859	943	851	284	28.0	
Males	.....	679	735	800	836	805	766	713	749	798	859	943	851	284	28.0
Females	.....	92	92	93	98	96	98	96	98	103	102	101	99	11	10.7
Surgical Appliances and Artificial Limbs.	3	44	43	43	46	42	43	43	44	46	44	44	43	4	(g)	
Males	.....	44	43	43	46	42	43	43	44	46	44	44	43	4	(g)
Females	.....	49	49	50	52	54	55	53	54	57	56	57	56	9	(g)
Tobacco Manufactures.	40	1,829	1,831	1,837	1,740	1,638	1,663	1,649	1,687	1,706	1,764	1,785	1,708	199	10.8	
Males	.....	881	870	845	749	764	752	762	778	773	763	787	733	147	16.7
Females	.....	948	961	992	991	904	911	887	889	932	996	998	925	107	10.7
Trunks and Valises.	5	98	96	111	120	124	120	124	123	102	116	113	108	31	25.0	
Males	.....	98	96	111	120	124	120	124	123	102	116	113	108	31	25.0
Females	.....	8	8	8	11	12	10	12	12	11	13	10	95	26	23.2
Washing Machines and Clothes Wringers.	3	88	107	117	116	116	115	109	101	88	99	101	102	29	24.8	
Males	.....	88	107	117	116	116	115	109	101	88	99	101	102	29	24.8
Wire Work, Including Wire Rope and Cable.	7	73	73	81	93	103	103	96	100	88	87	101	103	30	29.1	
Males	.....	73	73	81	93	103	103	96	100	88	87	101	103	30	29.1
SERVICE—																
Amusement Parks.	5	33	36	78	98	236	431	412	333	34	47	49	43	396	92.3	
Males	.....	32	36	77	96	230	395	349	305	31	45	48	43	324	91.3
Females	.....	1	1	1	2	6	36	63	67	3	2	1	1	66	(g)
Garages.	23	283	295	313	311	303	309	313	315	339	336	339	329	51	15.0	
Males	.....	283	295	313	311	303	309	313	315	339	336	339	329	51	15.0
Hotels.	41	1,945	1,946	1,935	1,940	1,933	1,946	1,944	1,768	1,965	1,994	1,987	1,987	233	14.7	
Males	.....	1,325	1,309	1,296	1,312	1,303	1,306	1,293	1,179	1,244	1,310	1,331	1,350	171	12.7
Females	.....	627	636	639	628	630	640	651	589	721	684	656	637	140	21.7
Laundries and Dry Cleaners.	39	1,746	1,710	1,761	1,683	1,520	1,741	1,765	1,785	1,794	1,795	1,790	1,798	110	6.0	
Males	.....	514	510	541	508	541	534	533	539	554	555	541	536	60	9.0
Females	.....	1,232	1,200	1,220	1,175	1,279	1,207	1,232	1,246	1,240	1,240	1,249	1,262	79	6.3

Office Buildings	46	732	764	743	749	760	744	760	756	738	758	769	763	87	4.8
Males	.....	519	545	535	535	544	538	534	540	540	538	537	538	91	4.6
Females	.....	213	211	208	214	216	216	216	216	216	216	217	218	10	5.0
Restaurants	48	921	915	927	953	963	954	953	953	953	947	947	938	73	7.3
Males	.....	440	433	460	493	490	452	447	461	461	461	472	462	32	7.4
Females	.....	481	482	467	460	473	502	485	491	491	486	475	476	41	7.9
Saloons	32	495	490	471	471	471	497	481	481	481	481	481	481	38	8.6
Males	.....	417	413	397	398	398	397	397	397	397	397	403	403	28	8.1
Females	.....	78	77	74	73	73	74	74	76	76	76	81	81	10	8.2
Theaters	33	498	507	529	505	505	505	374	371	371	506	506	506	21	41.9
Males	.....	413	422	440	420	394	281	304	261	348	417	423	449	138	.....
Females	.....	85	85	89	85	70	67	67	66	66	51	89	89	25	(6)
TRADE—															
Retail Delivery, Milk, Ice and Water.	23	208	207	214	252	320	340	344	338	324	270	344	198	146	42.4
Males	.....	203	202	209	247	315	335	339	333	329	265	240	194	146	42.3
Females	.....	5	5	5	5	5	5	5	5	5	5	5	5	1	(7)
Retail and Wholesale Stores.	647	7,185	6,907	7,116	7,253	7,182	7,006	6,890	6,822	7,173	7,554	7,593	7,777	955	19.3
Males	.....	5,201	5,198	5,282	5,376	5,350	5,289	5,253	5,205	5,599	5,553	5,553	5,762	719	2.6
Females	.....	1,984	1,709	1,834	1,877	1,832	1,717	1,637	1,617	1,774	1,999	2,040	2,015	441	21.9
Yards, Coal and Lumber.	88	1,069	1,113	1,103	1,082	1,062	1,121	1,126	1,138	1,191	1,225	1,222	1,192	143	11.7
Males	.....	945	1,016	1,006	990	979	1,017	1,026	1,041	1,098	1,135	1,122	1,093	168	13.7
Females	.....	94	97	97	100	103	104	100	97	93	90	100	90	14	13.5
TRANSPORTATION AND PUBLIC UTILITIES—															
Cartage (Drayage) and Storage, including Livery Stables.	66	527	585	578	917	911	834	909	900	901	927	910	902	100	10.8
Males	.....	324	322	374	913	908	831	906	897	898	924	906	898	100	10.8
Females	.....	3	3	4	4	3	3	3	3	3	3	4	4	1	.....
Electric Light and Power.	3	530	492	487	564	518	521	522	576	516	509	506	495	88	17.3
Males	.....	519	491	486	563	517	520	521	574	516	508	505	495	88	15.3
Females	.....	1	1	1	1	1	1	1	1	1	1	1	1	.....	.....
Electric Railroads.	7	2,834	2,842	2,878	3,055	3,177	3,305	3,159	3,170	3,065	2,954	2,882	2,871	.....	.....
Males	.....	2,832	2,840	2,876	3,053	3,175	3,303	3,157	3,168	3,063	2,952	2,880	2,869	471	14.3
Females	.....	2	2	2	2	2	2	2	2	2	2	2	2	.....	.....
Telegraph and Telephone.	6	1,316	1,304	1,309	1,333	1,321	1,320	1,296	1,311	1,301	1,313	1,305	1,314	50	2.9
Males	.....	467	465	460	477	472	473	447	462	459	464	460	464	50	6.3
Females	.....	849	849	849	856	849	847	849	849	850	849	848	850	9	1.1

JEFFERSON COUNTY

ALL INDUSTRIES	130	6,687	7,382	8,947	8,464	8,615	8,603	8,236	8,768	8,882	8,954	8,580	8,690	2,267	26.3
Males	.....	6,387	6,940	7,914	8,013	8,178	8,171	7,862	8,331	8,589	8,651	8,118	8,224	2,184	25.7
Females	.....	300	412	433	441	437	432	374	437	443	463	462	466	83	19.7

a Not computed owing to small number represented.

TABLE IV.—Continued.
JEFFERSON COUNTY — Concluded

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
CONSTRUCTION—															
General Contracting	8	47	63	72	100	93	72	110	92	77	86	64	59	63	57.3
Males .....	.....	47	63	72	100	93	72	110	92	77	86	64	59	63	57.3
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Street, Road and Sewer Contracting	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MANUFACTURES—															
Brick and Tile	3	161	128	143	159	172	134	165	114	133	177	144	149	63	85.6
Males .....	.....	161	131	141	157	171	133	163	112	131	175	142	147	63	85.6
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pottery, Terra-Cotta and Fire Clay Products	14	775	583	1,234	1,376	1,445	1,418	1,287	1,285	1,293	1,195	1,197	1,174	883	59.7
Males .....	.....	685	492	1,144	1,293	1,355	1,328	1,187	1,185	1,171	1,105	1,107	1,084	883	59.7
Females .....	.....	90	90	90	90	90	90	90	90	90	90	90	90	.....	.....
SERVICE—															
Laundries and Dry Cleaners	4	104	107	105	110	109	106	107	104	108	114	111	115	11	9.6
Males .....	.....	35	38	35	37	37	39	39	39	37	42	41	40	7	.....
Females .....	.....	69	71	70	73	72	67	68	65	71	72	70	75	10	.....
TRADE—															
Retail and Wholesale Stores	27	104	100	107	106	111	108	104	90	103	109	110	113	14	12.4
Males .....	.....	91	89	95	90	95	92	90	80	89	93	94	97	8	.....
Females .....	.....	13	11	12	16	16	16	14	10	14	16	16	16	6	.....
ALL INDUSTRIES	151	4,463	4,419	4,252	4,464	4,407	4,003	3,870	4,096	4,156	4,136	4,535	4,505	785	16.0
Males .....	.....	3,961	3,946	3,775	3,980	3,924	3,512	3,376	3,559	3,609	3,623	3,972	4,013	637	15.9
Females .....	.....	501	473	477	504	483	491	494	537	547	513	563	492	119	20.1
MANUFACTURES—															
Glass	5	1,549	1,572	1,352	1,460	1,345	946	813	971	896	964	1,406	1,490	739	48.3
Males .....	.....	1,496	1,516	1,294	1,408	1,292	893	771	843	813	861	1,319	1,394	744	49.1
Females .....	.....	54	57	58	57	53	53	42	78	84	83	87	96	64	.....

LOCKING COUNTY

Tobacco Manufactures	4	198	186	191	185	161	178	179	199	200	206	212	214	53	24.8
Males .....	.....	32	36	38	40	27	40	40	40	41	42	43	43	11	(a)
Females .....	.....	161	150	153	155	124	138	139	159	159	164	169	171	47	27.5
TRANSPORTATION AND PUBLIC UTILITIES—															
Telegraph and Telephone.....	9	107	97	92	117	141	121	138	123	118	121	134	145	52	35.9
Males .....	.....	44	41	36	50	70	57	67	55	54	57	71	81	45	(a)
Females .....	.....	63	56	57	67	71	64	71	68	64	64	63	64	15	(a)

LORAIN COUNTY

ALL INDUSTRIES	236	8,738	8,793	9,194	9,676	10,681	11,133	11,176	11,035	11,170	10,288	11,280	12,027	3,289	27.3
Males .....	.....	8,150	8,190	8,583	9,057	10,049	10,436	10,516	10,378	10,545	9,680	10,681	11,429	3,279	23.7
Females .....	.....	588	603	611	608	632	697	659	657	625	608	599	598	109	15.6
AGRICULTURE—															
General Farming	4	69	57	75	137	319	453	492	373	284	167	107	75	423	88.0
Males .....	.....	69	87	75	135	291	377	432	328	255	149	103	75	363	84.0
Females .....	.....	.....	.....	.....	2	28	56	60	45	29	13	4	.....	60	(a)
CONSTRUCTION—															
General Contracting	22	101	70	76	121	169	177	163	146	170	194	230	201	160	69.6
Males .....	.....	101	70	76	121	169	177	163	146	170	194	230	201	160	69.6
Street, Road and Sewer Contracting.....	6	26	15	15	99	185	194	224	279	239	326	195	104	311	95.4
Males .....	.....	26	15	15	99	185	194	224	279	239	326	195	104	311	95.4
MANUFACTURES—															
Foundry and Machine Shop Products.....	14	1,051	1,140	1,253	1,405	1,474	1,526	1,590	1,511	1,664	1,625	1,677	1,906	855	44.9
Males .....	.....	1,048	1,137	1,250	1,402	1,470	1,522	1,587	1,509	1,663	1,623	1,673	1,901	853	44.9
Females .....	.....	3	3	3	3	4	4	3	2	1	2	4	5	4	(a)
SERVICE—															
Laundries and Dry Cleaners.....	6	97	96	96	100	99	100	97	97	102	101	100	99	6	5.9
Males .....	.....	32	32	33	34	33	33	32	32	34	34	34	33	2	(a)
Females .....	.....	65	64	64	66	66	67	64	65	68	67	66	66	4	(a)
TRANSPORTATION AND PUBLIC UTILITIES—															
Telegraph and Telephone.....	7	110	114	115	115	122	121	122	104	117	116	119	116	18	14.8
Males .....	.....	30	33	33	33	37	38	37	37	35	32	33	30	8	(a)
Females .....	.....	80	81	82	83	85	83	85	67	84	84	86	86	19	(a)

a Not computed owing to small number represented.

TABLE IV—Continued.

LUCAS COUNTY

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.											Variation from maximum.		
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.
ALL INDUSTRIES	1,061	24,499	35,581	36,608	37,772	39,764	41,083	42,353	44,126	47,446	48,682	49,925	49,887	15,388	30.8
Males	.....	23,207	30,039	31,000	32,025	34,154	35,360	36,762	38,292	41,416	42,417	42,767	43,708	14,501	33.2
Females	.....	5,292	5,542	5,608	5,748	5,610	5,673	5,594	5,834	6,030	6,265	6,158	6,179	843	15.1
AGRICULTURE—															
Florists, Fruit Growers, Nurserymen and Seedsmen	14	108	106	119	138	146	142	147	118	111	110	109	106	44	29.9
Males	.....	78	79	89	99	99	95	97	87	80	76	82	80	28	(a)
Females	.....	30	27	30	39	47	47	50	31	31	34	27	26	16	(a)
CONSTRUCTION—															
Brick, Stone and Cement Work	15	146	167	189	192	206	223	256	354	490	483	523	525	337	69.8
Males	.....	146	167	189	192	206	223	256	354	490	483	523	525	337	69.8
General Contracting	78	713	930	1,286	1,769	2,229	2,049	1,890	1,470	1,996	2,233	2,586	2,602	1,823	71.9
Males	.....	713	930	1,286	1,769	2,229	2,049	1,890	1,470	1,996	2,233	2,586	2,602	1,823	71.9
Painting and Decorating	18	80	93	112	166	188	184	134	126	142	163	137	100	113	53.6
Males	.....	80	93	112	166	188	184	134	126	142	163	137	100	113	53.6
Plumbing and Steam Fitting	13	188	181	145	162	213	245	186	240	236	210	208	198	114	46.5
Males	.....	188	181	145	162	213	245	186	240	236	210	208	198	114	46.5
Sheet Metal Work and Roofing	19	137	117	123	120	141	148	163	163	156	165	176	152	69	33.5
Males	.....	137	117	123	120	141	148	163	163	156	165	176	152	69	33.5
Street, Road and Sewer Contracting	24	254	246	298	360	381	502	623	696	730	657	613	586	474	65.3
Males	.....	254	246	298	360	381	502	623	696	730	657	613	586	474	65.3
MANUFACTURES—															
Automobiles, Including Bodies and Parts	8	8,280	8,530	8,454	8,431	9,518	10,653	13,145	13,530	14,864	15,238	14,321	14,617	8,988	45.0
Males	.....	7,901	7,947	7,827	7,867	8,921	10,063	11,419	12,617	14,083	14,380	13,472	13,895	8,463	45.1
Females	.....	379	583	627	564	597	614	726	913	781	858	849	722	525	59.2
Awnings, Tents and Sails	5	298	354	577	361	313	319	290	187	167	164	200	217	232	(a)
Males	.....	298	354	577	361	313	319	290	187	167	164	200	217	232	(a)
Females	.....	72	84	96	98	89	96	87	65	58	55	71	72	44	65.3
Brass and Bronze Products	3	216	270	262	253	214	223	173	122	98	89	129	144	194	60.3
Males	.....	216	270	262	253	214	223	173	122	98	89	129	144	194	60.3
Bread and other Bakery Products	22	106	106	106	106	116	126	141	156	196	206	216	216	110	50.9
Males	.....	106	106	106	106	116	126	141	156	196	206	216	216	110	50.9
Females	.....	339	333	333	333	381	390	390	390	390	390	390	390	78	15.0
Brick and Tile	5	53	53	53	103	114	126	130	111	115	115	126	122	134	28.8
Males	.....	53	53	53	103	114	126	130	111	115	115	126	122	134	28.8
Females	.....	78	78	121	160	191	190	177	192	191	191	169	149	134	69.8

Butter, Cheese and Condensed Milk....	5	76	84	90	94	110	119	115	113	114	97	97	90	43	38.1
Males .....	.....	76	84	90	94	110	119	115	113	114	97	97	90	43	38.1
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carriges and Sleds, Children's.....	3	840	907	930	1,004	1,057	1,057	1,057	1,000	1,125	1,164	1,210	1,262	508	(9) 2
Males .....	.....	840	907	930	1,004	1,057	1,057	1,057	1,000	1,125	1,164	1,210	1,262	508	(9) 2
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carriges, Wagons and Materials.....	11	502	550	555	577	587	587	587	555	587	587	587	587	283	(9) 4
Males .....	.....	502	550	555	577	587	587	587	555	587	587	587	587	283	(9) 4
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clothing, Women's	9	570	597	593	593	593	593	593	593	593	593	593	593	327	(9) 1
Males .....	.....	570	597	593	593	593	593	593	593	593	593	593	593	327	(9) 1
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coffee Spices and Peanuts, Roasting and Grinding	6	252	254	255	251	240	240	240	254	279	246	230	209	70	25.1
Males .....	.....	252	254	255	251	240	240	240	254	279	246	230	209	70	25.1
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Confectionery and Ice Cream.....	8	118	121	121	115	106	106	106	123	137	112	120	120	57	41.8
Males .....	.....	118	121	121	115	106	106	106	123	137	112	120	120	57	41.8
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Copper, Tin and Sheet Iron Products.....	13	652	614	600	648	678	678	678	690	687	677	768	844	244	(9) 4
Males .....	.....	652	614	600	648	678	678	678	690	687	677	768	844	244	(9) 4
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Electrical Machinery, Apparatus and Supplies	7	408	401	406	406	524	524	524	645	653	608	558	622	252	38.4
Males .....	.....	408	401	406	406	524	524	524	645	653	608	558	622	252	38.4
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flour Mill and Grist Mill Products.....	13	300	294	287	248	247	247	247	288	283	281	288	270	156	53.1
Males .....	.....	300	294	287	248	247	247	247	288	283	281	288	270	156	53.1
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Foundry and Machine Shop Products.....	51	3,305	3,854	4,111	4,209	4,446	4,446	4,446	5,169	5,205	5,555	6,045	6,217	2,411	21.1
Males .....	.....	3,305	3,854	4,111	4,209	4,446	4,446	4,446	5,169	5,205	5,555	6,045	6,217	2,411	21.1
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Furniture and Refrigerators.....	16	307	329	354	348	357	357	357	316	312	323	324	323	56	14.0
Males .....	.....	307	329	354	348	357	357	357	316	312	323	324	323	56	14.0
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Glasses.....	6	1,154	1,314	1,369	1,302	1,218	1,218	1,218	885	1,131	1,051	1,255	1,499	755	4.1
Males .....	.....	1,154	1,314	1,369	1,302	1,218	1,218	1,218	885	1,131	1,051	1,255	1,499	755	4.1
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liquors, Malt	7	328	315	325	327	348	348	348	89	114	103	1,215	1,359	646	48.2
Males .....	.....	328	315	325	327	348	348	348	89	114	103	1,215	1,359	646	48.2
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lumber and Planing Mill Products.....	23	537	573	556	605	671	671	671	695	710	749	757	759	515	27.6
Males .....	.....	537	573	556	605	671	671	671	695	710	749	757	759	515	27.6
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Petroleum Refining	3	315	313	324	317	313	313	313	299	298	299	302	302	26	8.0
Males .....	.....	315	313	324	317	313	313	313	299	298	299	302	302	26	8.0
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and Publishing.....	40	305	357	351	356	390	390	390	353	373	394	390	353	101	11.0
Males .....	.....	305	357	351	356	390	390	390	353	373	394	390	353	101	11.0
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ship Building, including Boat Building.....	4	292	298	313	313	408	408	408	371	437	475	477	470	295	24.3
Males .....	.....	292	298	313	313	408	408	408	371	437	475	477	470	295	24.3
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

a Not computed owing to small number represented.

TABLE IV—Continued.
 LUCAS COUNTY — Concluded

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
MANUFACTURES—Continued.															
Slaughtering and Meat Packing.....	5	217	199	178	174	190	181	181	182	187	188	209	208	43	19.8
Males		217	199	178	174	190	181	181	182	187	188	209	208	43	19.8
Females	6	703	707	673	641	618	699	616	610	567	581	540	532	176	24.9
Tobacco Manufactures		176	184	182	178	172	176	182	180	173	163	158	158	26	14.1
Males		587	523	491	463	446	423	434	430	394	369	382	374	163	30.0
Females															
SERVICE—															
Garages	15	106	107	119	132	145	148	145	139	144	153	156	151	50	32.1
Males		106	107	119	132	145	148	145	139	144	153	156	151	50	32.1
Hotels	14	566	566	563	490	572	563	551	641	677	688	682	697	207	29.7
Males		367	373	369	286	377	384	387	445	490	488	482	498	202	40.6
Females		193	193	194	194	196	184	194	196	197	199	200	199	11	5.6
Laundries and Dry Cleaners	16	367	363	342	367	381	396	378	384	405	392	390	383	63	16.6
Males		121	117	110	121	126	131	125	123	131	134	135	129	24	17.9
Females		236	246	232	246	256	265	253	261	274	258	257	259	42	15.3
Office Buildings	17	270	269	274	274	267	268	272	273	276	270	269	269	8	2.9
Males		139	139	134	133	136	138	139	131	133	138	133	131	8	4.1
Females		81	80	80	81	81	82	83	82	83	82	81	81	3	(a)
Restaurants	13	293	296	301	296	279	276	276	273	275	273	271	277	20	3.0
Males		154	156	149	154	167	162	164	164	166	164	163	164	19	11.3
Females		49	51	52	52	52	54	54	64	65	65	64	63	6	(a)
Saloons	5	98	91	93	93	95	93	93	94	103	94	94	93	12	11.7
Males		60	57	57	56	56	53	53	59	61	58	56	56	6	(a)
Females		32	34	36	37	38	35	36	35	42	36	38	37	6	(a)
Theaters	8	176	167	166	160	185	139	110	109	162	162	164	171	67	33.1
Males		134	128	123	124	137	111	89	87	122	121	118	125	47	35.1
Females		42	39	38	36	23	28	21	22	40	41	46	46	25	(a)
TRADE—															
Retail and Wholesale Stores	201	2,167	2,257	2,343	2,421	2,379	2,223	2,233	2,264	2,404	2,616	2,641	2,690	533	19.4
Males		1,067	1,100	1,102	1,110	1,077	1,000	1,000	1,000	1,050	1,072	1,050	1,061	394	18.5
Females		479	467	641	611	633	623	673	464	674	644	612	609	137	28.0
Yards, Coal and Lumber	29	345	296	301	301	282	296	296	289	287	283	287	277	57	19.9
Males		230	219	240	249	250	249	256	259	256	271	276	264	36	20.4
Females		11	11	11	12	13	11	10	10	11	12	12	13	3	(a)

TRANSPORTATION AND PUBLIC UTILITIES—

Cartage (Drayage) and Storage, including Livery Stables.....

Telegraph and Telephone.....

Males.....

Females.....

MAHONING COUNTY

ALL INDUSTRIES	490	24,530	26,202	27,852	29,650	28,208	29,972	20,721	31,106	32,574	33,577	34,884	35,186	10,686	30.2
Males .....	.....	22,532	24,359	25,989	27,771	26,848	28,131	23,850	29,223	30,716	31,598	32,813	33,059	10,407	31.5
Females .....	.....	1,878	1,843	1,863	1,879	1,860	1,341	1,871	1,883	1,858	2,079	2,071	2,107	266	12.6
CONSTRUCTION—															
Brick, Stone and Cement Work.....	16	51	61	71	110	86	90	113	120	122	102	86	53	71	53.2
Males .....	.....	51	61	71	110	86	90	113	120	122	102	86	53	71	53.2
General Contracting	57	417	328	398	680	625	851	826	981	1,296	1,432	1,440	1,119	1,112	77.2
Males .....	.....	417	328	398	680	625	851	826	981	1,296	1,432	1,440	1,119	1,112	77.2
Painting and Decorating	7	45	47	55	84	105	90	70	71	64	68	55	38	60	57.1
Males .....	.....	45	47	55	84	105	90	70	71	64	68	55	38	60	57.1
Plumbing and Steam Fitting.....	16	115	108	116	131	144	145	126	128	125	146	143	146	38	26.0
Males .....	.....	115	108	116	131	144	145	126	128	125	146	143	146	38	26.0
Sheet Metal Work and Roofing.....	11	112	82	86	105	107	114	116	115	125	123	116	124	43	34.4
Males .....	.....	112	82	86	105	107	114	116	115	125	123	116	124	43	34.4
Street, Road and Sewer Contracting.....	20	113	83	86	105	107	114	116	115	125	123	116	124	43	34.4
Males .....	.....	113	83	86	105	107	114	116	115	125	123	116	124	43	34.4
Manufactures—															
Blast Furnace Products.....	7	1,178	1,298	1,256	1,380	1,429	1,494	1,412	1,416	1,467	1,498	1,524	1,546	368	23.8
Males .....	.....	1,178	1,298	1,256	1,380	1,429	1,494	1,412	1,416	1,467	1,498	1,524	1,546	368	23.8
Foundry and Machine Shop Products.....	16	1,651	1,729	1,568	2,145	2,092	2,284	2,402	2,557	2,932	3,473	3,563	3,780	2,119	56.1
Males .....	.....	1,651	1,729	1,568	2,145	2,092	2,284	2,402	2,557	2,932	3,473	3,563	3,780	2,119	56.1
Liquors, Malt	3	116	116	113	120	132	130	138	132	133	129	132	134	25	18.1
Males .....	.....	116	116	113	120	132	130	138	132	133	129	132	134	25	18.1
Lumber and Planing Mill Products.....	8	84	66	87	93	93	83	78	84	93	100	98	104	38	36.5
Males .....	.....	84	66	87	93	93	83	78	84	93	100	98	104	38	36.5
Pottery, Terra-Cotta and Fire Clay Products	6	1,497	1,514	1,496	1,494	1,478	1,454	1,460	1,485	1,510	1,548	1,521	1,540	94	6.1
Males .....	.....	1,497	1,514	1,496	1,494	1,478	1,454	1,460	1,485	1,510	1,548	1,521	1,540	94	6.1
Females .....	.....	999	1,019	1,000	992	969	974	974	970	975	1,006	1,011	1,011	49	4.8
Printing and Publishing.....	9	285	286	286	285	283	283	285	281	285	285	283	283	60	11.1
Males .....	.....	285	286	286	285	283	283	285	281	285	285	283	283	60	11.1
Females .....	.....	200	198	198	205	201	200	197	196	199	202	207	207	11	5.3
Steel Works and Rolling Mills.....	14	12,697	14,321	15,448	16,154	14,288	15,473	16,233	16,385	16,931	16,983	18,085	18,085	5,964	32.0
Males .....	.....	12,697	14,321	15,448	16,154	14,288	15,473	16,233	16,385	16,931	16,983	18,085	18,085	5,964	32.0
Females .....	.....	12,653	14,377	15,494	16,140	14,274	15,464	16,209	16,376	16,947	16,947	18,085	18,085	5,964	32.0

a Not computed owing to small number represented.

TABLE IV—Continued.
 MAHONING COUNTY — Concluded

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.		
		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.	
SERVICE—																
Hotels.....	6	239	241	247	250	259	263	248	254	253	274	272	271	25	12.8	
Males.....	153	154	161	164	172	172	169	155	156	160	170	167	169	20	11.6	
Females.....	5	87	86	88	86	87	94	93	98	93	104	105	102	19	18.1	
Laundries and Dry Cleaners.....	5	261	263	264	274	275	267	264	265	265	266	266	271	14	5.1	
Males.....	98	94	102	102	102	103	98	98	98	97	98	97	99	9	8.7	
Females.....	163	168	162	172	172	169	166	166	166	168	168	169	172	10	5.8	
TRADE—																
Retail and Wholesale Stores.....	70	762	775	772	796	805	790	770	788	778	867	841	873	111	12.7	
Males.....	582	591	597	598	611	611	613	608	611	612	634	634	660	82	12.3	
Females.....	170	184	175	200	194	177	166	162	177	166	223	204	204	61	27.4	
Yards, Coal and Lumber.....	15	285	286	311	327	334	335	323	335	342	368	275	330	35	25.0	
Males.....	285	286	311	327	334	334	335	323	335	342	368	275	330	35	25.0	
TRANSPORTATION AND PUBLIC UTILITIES—																
Carriage (Drayage) and Storage, In-cluding Livery Stables.....	13	139	135	128	125	137	133	149	141	144	132	130	147	21	14.1	
Males.....	128	128	127	124	136	136	129	149	141	144	132	130	147	23	14.8	
Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	(6)	
Electric Railroads.....	4	369	353	362	1,019	1,068	1,071	1,069	1,071	1,023	1,040	987	928	231	21.2	
Males.....	369	353	362	1,019	1,068	1,071	1,071	1,069	1,071	1,023	1,040	987	928	231	21.2	
Females.....	8	42	51	53	53	59	59	56	48	49	55	106	123	81	65.9	
Natural Gas.....	3	43	61	62	53	59	115	66	48	49	55	106	123	81	65.9	
Males.....	312	280	319	329	311	371	371	353	280	302	328	333	339	139	34.8	
Females.....	7	167	115	172	179	162	216	200	147	145	156	195	211	101	46.8	
Males.....	146	146	147	150	149	155	155	163	112	157	170	188	188	75	39.9	
Females.....	146	146	147	150	149	155	155	163	112	157	170	188	188	75	39.9	

MONTGOMERY COUNTY

ALL INDUSTRIES.....	811	25,223	26,185	26,777	27,130	27,473	27,991	28,462	29,511	31,655	33,267	33,547	34,252	8,969	25.9
Males.....	30,547	21,580	21,715	21,986	22,869	23,016	23,016	23,688	24,710	26,620	27,626	27,669	28,308	7,458	28.3
Females.....	4,886	4,665	5,012	6,145	6,104	4,976	4,976	4,774	4,801	6,135	6,442	6,888	6,949	1,413	23.8

AGRICULTURE—		4	29	39	53	104	69	95	73	79	77	70	96	75	72.1
General Farming		29	58	66	103	122	151	130	159	202	227	147	96	198	87.2
Males		29	58	66	103	122	151	130	159	202	227	147	96	198	87.2
Females		29	58	66	103	122	151	130	159	202	227	147	96	198	87.2
CONSTRUCTION—		56	307	385	564	606	686	783	743	813	785	964	821	877	68.8
Brick, Stone and Cement Work		15	65	74	93	106	99	75	79	83	88	84	70	44	41.5
Males		15	65	74	93	106	99	75	79	83	88	84	70	44	41.5
Females		15	65	74	93	106	99	75	79	83	88	84	70	44	41.5
Painting and Decorating		22	286	241	256	242	243	239	233	236	250	243	248	31	12.1
Males		22	286	241	256	242	243	239	233	236	250	243	248	31	12.1
Females		22	286	241	256	242	243	239	233	236	250	243	248	31	12.1
Plumbing and Steam Fitting		15	88	84	98	95	100	111	118	133	117	117	111	49	36.8
Males		15	88	84	98	95	100	111	118	133	117	117	111	49	36.8
Females		15	88	84	98	95	100	111	118	133	117	117	111	49	36.8
Sheet Metal Work and Roofing		19	103	162	279	296	280	290	318	354	332	316	179	280	73.4
Males		19	103	162	279	296	280	290	318	354	332	316	179	280	73.4
Females		19	103	162	279	296	280	290	318	354	332	316	179	280	73.4
Street, Road and Sewer Contracting		103	162	162	279	296	280	290	318	354	332	316	179	280	73.4
Males		103	162	162	279	296	280	290	318	354	332	316	179	280	73.4
Females		103	162	162	279	296	280	290	318	354	332	316	179	280	73.4
MANUFACTURES—		6	1,882	1,728	1,451	1,285	1,537	1,769	1,999	2,226	2,361	2,250	2,148	1,076	45.6
Automobiles, Including Bodies and Parts		6	1,882	1,728	1,451	1,285	1,537	1,769	1,999	2,226	2,361	2,250	2,148	1,076	45.6
Males		6	1,882	1,728	1,451	1,285	1,537	1,769	1,999	2,226	2,361	2,250	2,148	1,076	45.6
Females		6	1,882	1,728	1,451	1,285	1,537	1,769	1,999	2,226	2,361	2,250	2,148	1,076	45.6
Boxes, Fancy and Paper		4	244	265	186	204	267	286	282	252	229	224	202	71	24.1
Males		4	244	265	186	204	267	286	282	252	229	224	202	71	24.1
Females		4	244	265	186	204	267	286	282	252	229	224	202	71	24.1
Brass and Bronze Products		7	123	130	163	162	174	166	122	130	114	117	116	25	18.9
Males		7	123	130	163	162	174	166	122	130	114	117	116	25	18.9
Females		7	123	130	163	162	174	166	122	130	114	117	116	25	18.9
Bread and other Bakery Products		17	206	239	243	236	274	334	359	369	396	346	410	174	42.4
Males		17	206	239	243	236	274	334	359	369	396	346	410	174	42.4
Females		17	206	239	243	236	274	334	359	369	396	346	410	174	42.4
Carriages, Wagons and Materials		11	94	96	97	103	113	99	102	107	122	122	281	30	13.0
Males		11	94	96	97	103	113	99	102	107	122	122	281	30	13.0
Females		11	94	96	97	103	113	99	102	107	122	122	281	30	13.0
Cash Registers and Calculating Ma-		6	4,665	4,646	4,511	4,579	4,698	4,549	4,442	4,399	4,243	4,176	4,186	517	11.0
Males		6	4,665	4,646	4,511	4,579	4,698	4,549	4,442	4,399	4,243	4,176	4,186	517	11.0
Females		6	4,665	4,646	4,511	4,579	4,698	4,549	4,442	4,399	4,243	4,176	4,186	517	11.0
Clothing, Men's, Including Shirts		3	129	86	124	124	124	124	120	126	121	123	120	116	30.3
Males		3	129	86	124	124	124	124	120	126	121	123	120	116	30.3
Females		3	129	86	124	124	124	124	120	126	121	123	120	116	30.3
Confectionery and Ice Cream		6	116	111	111	107	113	112	108	128	132	12	12	3	34.5
Males		6	116	111	111	107	113	112	108	128	132	12	12	3	34.5
Females		6	116	111	111	107	113	112	108	128	132	12	12	3	34.5
Electrical Machinery, Apparatus and		3	1,169	1,402	1,293	1,292	1,351	1,373	1,399	1,429	1,481	1,430	1,480	322	21.7
Males		3	1,169	1,402	1,293	1,292	1,351	1,373	1,399	1,429	1,481	1,430	1,480	322	21.7
Females		3	1,169	1,402	1,293	1,292	1,351	1,373	1,399	1,429	1,481	1,430	1,480	322	21.7
Foundry and Machine Shop Products		55	2,539	2,855	2,893	2,255	3,288	3,221	3,670	3,884	4,310	4,415	4,488	1,959	43.6
Males		55	2,539	2,855	2,893	2,255	3,288	3,221	3,670	3,884	4,310	4,415	4,488	1,959	43.6
Females		55	2,539	2,855	2,893	2,255	3,288	3,221	3,670	3,884	4,310	4,415	4,488	1,959	43.6

a Not computed owing to small number represented.

TABLE IV—Continued.
MONTGOMERY COUNTY — Concluded

Industry and Sex.	Number of estab-lish-ments report-ing.	Number of wage earners employed on the 15th of each month.											Variation from maximum.			
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.	
MANUFACTURES—Continued.																
Furniture and Refrigerators.....	8	265	301	302	412	440	470	439	502	547	554	552	554	295	52.7	
Males.....	.....	255	290	292	401	429	459	428	491	535	541	540	542	295	52.6
Females.....	.....	11	11	10	11	11	11	11	11	12	13	12	12	0	(0)
Ice Manufactured.....	4	81	83	83	100	129	142	143	137	139	103	74	68	76	52.4	
Males.....	.....	81	83	83	100	129	142	143	137	139	103	74	68	76	52.4
Females.....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)
Liquors, Malt.....	6	249	247	240	247	258	259	257	267	251	243	245	231	231	13.5	
Males.....	.....	249	247	240	247	258	259	257	267	251	243	245	231	231	13.5
Females.....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)
Lumber and Planing Mill Products.....	15	420	450	460	462	388	470	499	506	516	526	526	516	154	28.4	
Males.....	.....	420	450	460	462	388	470	499	506	516	526	526	516	154	28.4
Females.....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)
Munitions.....	4	.....	.....	.....	.....	46	178	508	775	1,063	1,897	2,298	2,797	2,797	100.0
Males.....	.....	.....	.....	.....	.....	46	178	508	775	1,063	1,897	2,298	2,797	2,797	100.0
Females.....	.....	.....	.....	.....	.....	0	0	0	0	0	0	0	0	0	(0)
Paint and Varnish.....	8	267	268	270	273	275	279	277	279	277	276	273	277	267	4.3	
Males.....	.....	267	268	270	273	275	279	277	279	277	276	273	277	267	4.3
Females.....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)
Paper and Wood Pulp.....	5	591	590	587	587	583	591	590	594	612	616	612	619	591	6.3	
Males.....	.....	591	590	587	587	583	591	590	594	612	616	612	619	591	6.3
Females.....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)
Printing and Publishing.....	26	753	798	798	804	794	804	810	772	823	867	863	873	753	18.2	
Males.....	.....	753	798	798	804	794	804	810	772	823	867	863	873	753	18.2
Females.....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)
Rubber, not including Steam Pumps.....	3	174	200	201	189	183	190	185	170	192	207	186	198	174	17.9	
Males.....	.....	174	200	201	189	183	190	185	170	192	207	186	198	174	17.9
Females.....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)
Slaughtering and Meat Packing.....	4	291	285	273	282	270	265	253	250	252	250	274	279	291	51.0	
Males.....	.....	291	285	273	282	270	265	253	250	252	250	274	279	291	51.0
Females.....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)
Soap and Candles.....	6	108	107	108	105	102	110	102	101	102	106	103	102	108	8.2	
Males.....	.....	108	107	108	105	102	110	102	101	102	106	103	102	108	8.2
Females.....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)
Tobacco Manufactures.....	45	1,654	1,910	2,319	2,351	2,316	2,159	1,959	1,999	2,151	2,073	2,032	2,035	1,654	30.8	
Males.....	.....	1,654	1,910	2,319	2,351	2,316	2,159	1,959	1,999	2,151	2,073	2,032	2,035	1,654	30.8
Females.....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)
Toys and Games.....	3	122	146	175	186	181	171	159	160	175	163	169	161	122	71.5	
Males.....	.....	122	146	175	186	181	171	159	160	175	163	169	161	122	71.5
Females.....	.....	0	0	0	0	0	0	0	0	0	0	0	0	0	(0)

SERVICE—		73	83	103	100	100	96	103	101	101	102	97	98	99	20	22.1
Garages		13	83	103	100	100	96	103	101	101	102	97	98	99	20	22.1
Males		73	83	103	100	100	96	103	101	101	102	97	98	99	20	22.1
Females		1	1	1	99	99	96	1	1	1	1	1	1	1	1	(a)
Motels		11	289	800	330	256	305	232	232	232	313	346	232	206	64	18.5
Males		11	289	800	330	256	305	232	232	232	313	346	232	206	64	18.5
Females		1	1	1	1	1	1	1	1	1	1	1	1	1	1	(a)
Landries and Dry Cleaners		10	333	357	399	398	396	398	398	398	398	398	398	398	80	18.8
Males		10	333	357	399	398	396	398	398	398	398	398	398	398	80	18.8
Females		1	1	1	1	1	1	1	1	1	1	1	1	1	1	(a)
Offices		7	269	268	276	273	273	268	274	274	276	284	287	282	73	26.0
Males		7	269	268	276	273	273	268	274	274	276	284	287	282	73	26.0
Females		1	1	1	1	1	1	1	1	1	1	1	1	1	1	(a)
Office Buildings		100	89	87	87	88	90	88	91	91	107	118	118	107	13	13.0
Males		100	89	87	87	88	90	88	91	91	107	118	118	107	13	13.0
Females		20	20	20	20	20	20	20	21	21	119	120	121	122	3	10.1
Restaurants		10	126	126	126	126	126	126	126	126	126	126	126	126	13	9.6
Males		10	126	126	126	126	126	126	126	126	126	126	126	126	13	9.6
Females		13	13	15	15	15	15	15	15	15	15	15	15	15	3	(a)
TRADE—		131	937	976	1,016	1,018	1,022	1,028	940	1,029	1,163	1,139	1,139	1,129	236	19.4
Retail and Wholesale Stores		131	937	976	1,016	1,018	1,022	1,028	940	1,029	1,163	1,139	1,139	1,129	236	19.4
Males		131	937	976	1,016	1,018	1,022	1,028	940	1,029	1,163	1,139	1,139	1,129	236	19.4
Females		78	17	74	742	749	748	763	729	764	810	814	819	819	102	12.6
Yards, Coal and Lumber		27	230	242	274	269	274	258	211	275	353	326	310	310	142	40.2
Males		27	230	242	274	269	274	258	211	275	353	326	310	310	142	40.2
Females		210	209	210	218	195	200	216	223	241	250	236	232	232	55	22.0
TRANSPORTATION AND PUBLIC UTILITIES		14	94	97	103	103	100	99	107	110	118	126	119	119	31	24.8
Carriage (Drayage) and Storage, Including Livery Stables		14	94	97	103	103	100	99	107	110	118	126	119	119	31	24.8
Males		14	94	97	103	103	100	99	107	110	118	126	119	119	31	24.8
Females		5	524	517	525	562	563	544	566	534	529	537	512	512	44	7.9
Electric Railroads		5	524	517	525	562	563	544	566	534	529	537	512	512	44	7.9
Males		5	524	517	525	562	563	544	566	534	529	537	512	512	44	7.9
Females		7	406	407	408	418	434	429	434	442	446	440	453	453	48	10.3
Telegraph and Telephone		7	406	407	408	418	434	429	434	442	446	440	453	453	48	10.3
Males		7	406	407	408	418	434	429	434	442	446	440	453	453	48	10.3
Females		229	214	219	238	226	228	225	250	227	225	227	223	223	36	14.4

MUSEKINGUM COUNTY

ALL INDUSTRIES		261	6,620	6,857	6,796	6,758	7,257	7,195	7,163	7,296	7,522	7,276	7,072	1,607	21.4
Males		261	6,620	6,857	6,796	6,758	7,257	7,195	7,163	7,296	7,522	7,276	7,072	1,607	21.4
Females		1,294	1,294	1,313	1,248	1,310	1,359	1,310	1,308	1,257	1,177	1,380	1,380	1,32	9.8
CONSTRUCTION—		10	57	106	128	138	110	161	179	170	184	112	81	134	72.8
General Contracting		10	57	106	128	138	110	161	179	170	184	112	81	134	72.8
Males		10	57	106	128	138	110	161	179	170	184	112	81	134	72.8
Females		12	61	60	84	100	109	106	143	155	168	151	128	117	69.6
Sand and Gravel Excavating		12	61	60	84	100	109	106	143	155	168	151	128	117	69.6
Males		12	61	60	84	100	109	106	143	155	168	151	128	117	69.6
Females		5	23	40	135	169	146	143	169	150	170	68	9	161	94.7
Street, Road and Sewer Contracting		5	23	40	135	169	146	143	169	150	170	68	9	161	94.7
Males		5	23	40	135	169	146	143	169	150	170	68	9	161	94.7
Females		23	11	40	135	169	146	143	169	150	170	68	9	161	94.7

a Not computed owing to small number represented.

TABLE IV—Continued.
MUSKINGUM COUNTY — Concluded

Industry and Sex.	Number of estab-lish-ments report-ing.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
MANUFACTURES—															
Bread and other Bakery Products.....	4	122	118	115	115	123	134	123	116	119	123	124	123	19	14.2
Males.....	.....	84	84	80	81	88	87	87	82	84	84	87	89	5	(6)
Females.....	.....	38	34	35	34	35	47	36	34	35	38	37	34	13	(9)
Brick and Tile.....	6	451	479	569	566	551	682	540	540	542	521	484	524	340	75.5
Males.....	.....	451	479	569	566	551	682	540	540	542	521	484	524	340	75.5
Carrriages, Wagons and Materials.....	4	200	216	251	211	189	173	139	70	121	140	185	205	131	72.1
Males.....	.....	200	216	251	211	189	173	139	70	121	140	185	205	131	72.1
Clothing, Men's, including Shirts.....	4	170	172	179	163	161	191	200	200	193	200	210	216	151	28.5
Males.....	.....	85	84	87	83	82	87	87	82	84	80	81	87	81	(9)
Females.....	.....	134	139	142	130	129	154	153	158	154	160	169	170	41	24.1
Foundry and Machine Shop Products.....	4	82	81	78	82	82	81	144	153	174	154	170	212	142	64.1
Males.....	.....	82	81	78	82	82	81	144	153	174	154	170	212	142	64.1
Females.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	124	63.2
Pottery, Terra-Cotta and Fire Clay Products.....	23	239	247	251	249	247	242	231	234	245	247	244	240	222	8.8
Males.....	.....	177	179	181	179	172	177	167	167	170	177	170	172	150	8.8
Females.....	.....	62	68	70	63	67	65	64	63	64	63	63	63	74	10.6
Printing and Publishing.....	8	123	112	108	107	110	108	108	109	112	116	115	118	77	18.7
Males.....	.....	123	112	108	107	110	108	108	109	112	116	115	118	77	18.7
Females.....	.....	4	11	106	107	109	108	107	110	110	113	114	116	4	(6)
Woolen, Worsted and Felt Goods.....	3	144	134	141	140	144	151	149	145	153	151	160	161	27	10.8
Males.....	.....	64	64	68	69	74	74	73	68	68	68	71	70	10	(6)
Females.....	.....	80	70	73	71	70	77	77	76	85	83	89	91	21	(6)
SERVICE—															
Hotels.....	7	123	122	122	121	122	122	122	122	123	122	124	124	8	2.4
Males.....	.....	87	86	86	84	86	85	85	85	86	86	87	87	8	(6)
Females.....	.....	36	36	36	37	36	37	37	37	37	36	37	37	1	(6)
Laundries and Dry Cleaners.....	4	87	90	83	83	96	94	93	94	94	100	97	93	12	13.0
Males.....	.....	36	36	34	33	33	32	33	33	33	33	33	33	7	(6)
Females.....	.....	51	54	49	50	63	62	60	61	61	67	64	60	5	(6)
TRADE—															
Retail and Wholesale Stores.....	60	273	268	269	274	275	274	274	270	274	281	283	283	15	5.3
Males.....	.....	240	235	236	241	239	241	240	237	241	246	247	249	14	5.3
Females.....	.....	33	33	33	33	36	33	34	33	33	35	36	34	1	(6)

TRANSPORTATION AND PUBLIC

Utilities—	5	84	84	83	128	128	151	209	210	233	173	188	149	64.2
Telegraph and Telephone.....	.....	40	36	37	74	74	90	160	163	186	153	153	151	20.1
Males .....	.....	44	49	47	48	48	53	49	48	48	49	50	8	81.2
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(e)

STARK COUNTY

ALL INDUSTRIES	Per	22,683	21,606	22,178	24,124	23,894	24,487	25,370	25,337	26,380	27,140	7,884	28.3
Males .....	.....	20,297	19,209	20,806	21,728	21,122	21,763	22,134	23,345	23,885	24,657	7,133	29.1
Females .....	.....	2,386	2,397	2,368	2,396	2,772	2,724	2,236	2,492	2,495	2,483	751	20.6
CONSTRUCTION—													
Brick, Stone and Cement Work.....	16	109	65	137	115	132	116	107	105	133	99	111	81.0
Males .....	.....	109	65	137	115	132	116	107	105	133	99	111	81.0
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
General Contracting	40	261	261	495	461	763	889	870	924	944	765	693	73.4
Males .....	.....	261	261	495	461	763	889	870	924	944	765	693	73.4
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plumbing and Steam Fitting.....	14	125	113	120	124	127	133	137	139	139	137	46	88.1
Males .....	.....	125	113	120	124	127	133	137	139	139	137	46	88.1
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Street, Road and Sewer Contracting.....	13	172	61	319	380	438	515	573	366	251	140	536	93.5
Males .....	.....	172	61	319	380	438	515	573	366	251	140	536	93.5
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MANUFACTURES—													
Agricultural Implements	5	229	254	160	124	120	132	213	235	216	233	134	82.8
Males .....	.....	229	254	160	124	120	132	213	235	216	233	134	82.8
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bread and other Bakery Products.....	12	105	107	104	96	96	97	109	97	109	110	6	5.5
Males .....	.....	105	107	104	96	96	97	109	97	109	110	6	5.5
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brick and Tile.....	10	763	829	1,032	1,000	980	967	975	926	949	921	263	24.1
Males .....	.....	763	829	1,032	1,000	980	967	975	926	949	921	263	24.1
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carriages, Wagons and Materials.....	4	216	223	190	167	154	108	153	171	185	248	145	53.5
Males .....	.....	216	223	190	167	154	108	153	171	185	248	145	53.5
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clothing, Men's, Including Shirts.....	3	138	139	194	200	153	154	154	159	159	161	67	33.5
Males .....	.....	138	139	194	200	153	154	154	159	159	161	67	33.5
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clothing, Women's.....	6	128	134	189	194	150	149	149	153	156	156	68	34.0
Males .....	.....	128	134	189	194	150	149	149	153	156	156	68	34.0
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Copper, Tin and Sheet Iron Products.....	12	1,099	2,246	2,478	2,461	2,500	2,536	2,637	2,587	2,685	2,710	106	42.1
Males .....	.....	1,099	2,246	2,478	2,461	2,500	2,536	2,637	2,587	2,685	2,710	106	42.1
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cutlery and Tools.....	6	189	187	196	198	199	200	203	213	213	220	66	30.0
Males .....	.....	189	187	196	198	199	200	203	213	213	220	66	30.0
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Forgings.....	4	718	745	876	943	967	985	1,025	1,240	1,227	1,432	714	48.9
Males .....	.....	718	745	876	943	967	985	1,025	1,240	1,227	1,432	714	48.9
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

a Not computed owing to small number represented.

TABLE IV—Continued.
STARK COUNTY — Concluded

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
MANUFACTURES—Concluded.															
Foundry and Machine Shop Products...	44	3,911	4,085	4,183	4,225	4,398	4,722	4,802	5,109	5,342	5,521	5,659	6,028	2,117	35.1
Males .....	...	3,882	4,061	4,146	4,191	4,366	4,692	4,772	5,079	5,313	5,497	5,636	5,998	2,116	35.3
Females .....	...	29	87	37	34	32	30	30	30	29	24	23	30	8	(a)
Furniture and Refrigerators...	3	55	99	108	110	82	58	28	95	95	103	101	104	82	74.5
Males .....	...	55	99	108	110	82	58	28	95	95	103	101	104	82	74.5
Gas and Electric Fixtures and Lamps and Reflectors	3	113	112	111	108	109	107	112	115	123	126	131	125	24	18.3
Males .....	...	89	88	86	86	86	84	83	81	83	79	89	87	10	(a)
Females .....	...	24	24	25	22	23	23	30	34	40	47	42	38	25	(a)
Liquors, Malt	6	99	96	98	95	102	107	111	113	109	100	100	99	19	17.0
Males .....	...	99	96	98	95	102	107	111	113	109	100	100	99	19	17.0
Lumber and Planing Mill Products	5	91	104	99	89	73	83	80	73	74	77	81	89	31	29.8
Males .....	...	91	104	99	89	73	83	80	73	74	77	81	89	31	29.8
Pottery, Terra-Cotta and Fire Clay Products	5	628	661	690	705	702	707	750	761	744	741	715	692	133	17.5
Males .....	...	556	589	618	635	632	637	680	699	672	663	642	619	133	19.3
Females .....	...	72	72	72	70	70	70	70	72	72	78	73	73	3	(a)
Printing and Publishing	13	347	356	372	361	349	348	329	337	352	383	361	397	54	14.1
Males .....	...	219	224	234	225	228	230	213	221	236	233	229	235	16	7.6
Females .....	...	128	132	138	132	121	118	116	116	116	150	132	132	39	26.0
Rubber Products	7	281	303	353	409	520	555	553	523	467	457	459	460	274	49.4
Males .....	...	228	253	310	352	465	496	497	462	373	376	381	386	269	54.1
Females .....	...	53	50	52	57	55	59	56	61	94	81	78	74	33	(a)
Steel Works and Rolling Mills	4	2,449	2,204	2,417	2,617	2,509	2,748	2,925	2,486	2,926	3,106	3,247	3,232	1,068	33.0
Males .....	...	2,449	2,204	2,417	2,617	2,509	2,748	2,925	2,486	2,926	3,106	3,247	3,232	1,068	33.0
Toys and Games	4	199	198	196	196	183	183	177	171	164	203	207	171	43	20.8
Males .....	...	72	72	78	81	80	79	78	69	85	85	86	70	17	(a)
Females .....	...	117	121	116	115	103	105	104	102	89	118	121	101	32	28.4
SERVICE—															
Hotels	8	171	179	168	182	186	182	187	190	183	183	181	179	23	11.6
Males .....	...	107	108	104	114	118	111	114	114	108	109	110	110	15	12.7
Females .....	...	64	71	64	68	68	71	73	76	75	74	71	69	8	(a)
Laundries and Dry Cleaners	7	178	177	177	178	180	174	178	176	187	187	189	182	16	8.5
Males .....	...	64	63	66	66	67	68	66	66	67	68	68	68	6	(a)
Females .....	...	114	114	111	112	113	106	108	109	120	121	121	116	11	12.4
Restaurants	6	105	113	111	114	115	118	118	121	121	121	117	121	15	10.7
Males	39	41	40	43	41	43	47	47	47	46	48	46	8	(a)
Females	69	71	71	71	74	75	71	74	74	75	74	75	7	(a)

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TRADE—													
Retail Delivery, Milk, Ice and Water...	4	151	62	64	72	72	77	91	98	94	75	70	89
Males	151	62	63	71	71	76	90	98	93	74	69	88
Females	.....	.....	.....	1	476	476	508	502	495	496	493	1	1
Retail and Wholesale Stores.....	104	447	446	453	436	436	436	436	436	436	422	510	64
Males	.....	334	335	331	330	330	330	436	436	436	422	510	64
Females	.....	63	61	72	77	77	78	66	61	70	76	79	19
Yards Coal and Lumber.....	21	203	208	216	223	223	218	209	214	229	233	226	30
Males	.....	203	208	216	223	223	218	209	214	229	233	226	30
TRANSPORTATION AND PUBLIC UTILITIES—													
Cartage (Drayage) and Storage, In-cluding Livery Stables.....	7	103	108	113	118	118	111	113	104	112	114	117	14
Males	.....	103	108	111	113	113	111	113	104	105	114	117	14
Electric Light and Power.....	8	140	145	139	137	137	137	138	139	176	193	195	71
Males	.....	140	145	139	137	137	137	138	139	176	193	195	71
Telegraph and Telephone.....	11	374	381	347	416	416	456	581	580	604	434	460	303
Males	.....	374	381	347	416	416	456	581	580	604	434	460	303
Females	.....	276	251	237	234	234	240	250	264	252	262	261	42

SUMMIT COUNTY

ALL INDUSTRIES													
Males	491	29,312	30,719	33,157	36,956	38,961	38,961	40,387	41,735	42,488	43,064	43,685	45,302
Females	.....	26,112	27,403	29,648	33,308	35,384	35,384	36,691	38,113	39,011	39,578	40,165	41,699
	.....	3,200	3,316	3,509	3,648	3,577	3,577	3,686	3,622	3,477	3,486	3,520	3,533
CONSTRUCTION—													
Brick, Stone and Cement Work.....	13	44	46	62	94	119	119	149	162	91	86	125	105
Males	.....	44	46	62	94	119	119	149	162	91	86	125	105
General Contracting	53	450	414	603	915	981	981	1,059	1,200	1,706	1,907	1,401	1,168
Males	.....	450	414	603	915	981	981	1,059	1,200	1,706	1,907	1,401	1,168
Plumbing and Steam Fitting	12	160	129	157	168	161	161	177	179	186	185	204	210
Males	.....	160	129	157	168	161	161	177	179	186	185	204	210
Sheet Metal Work and Roofing	7	82	78	69	90	90	90	97	103	112	112	125	142
Males	.....	82	78	69	90	90	90	97	103	112	112	125	142
Street, Road and Sewer Contracting.....	10	112	157	171	225	256	256	303	329	295	280	290	169
Males	.....	112	157	171	225	256	256	303	329	295	280	290	169
MANUFACTURES—													
Bread and other Bakery Products.....	7	96	91	96	96	100	100	107	107	105	99	101	103
Males	.....	96	91	96	96	100	100	107	107	105	99	101	103
Females	.....	72	69	72	71	76	76	79	81	77	76	77	79
Brick and Tile.....	6	24	22	24	25	25	25	28	26	28	24	24	24
Males	.....	24	22	24	25	25	25	28	26	28	24	24	24
Foundry and Machine Shop Products.....	80	135	110	155	184	184	184	198	180	158	180	202	188
Males	.....	135	110	155	184	184	184	198	180	158	180	202	188
Females	.....	2,314	2,337	2,396	2,488	2,633	2,633	2,779	2,956	3,141	3,146	3,352	3,690
	.....	2,285	2,288	2,350	2,394	2,539	2,539	2,734	2,909	3,083	3,090	3,294	3,625
	.....	49	49	46	44	44	44	45	47	53	56	58	65

^a Not computed owing to small number represented.

TABLE IV—Continued.
SUMMIT COUNTY — Concluded

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.
MANUFACTURES—Concluded.															
Liquors, Malt	8	180	153	150	163	171	181	180	180	177	166	166	156	21	17.1
Males .....	.....	159	152	149	165	170	180	179	179	176	165	165	156	21	17.2
Females .....	.....	1	1	1	1	1	1	1	1	1	1	1	1	.....	.....
Lumber and Planing Mill Products	7	280	271	281	304	323	347	385	384	381	380	428	451	171	39.7
Males .....	.....	252	264	278	296	314	336	356	351	346	384	411	419	167	39.9
Females .....	.....	8	7	8	8	9	11	10	11	11	15	15	13	9	(e)
Paper and Wood Pulp	6	245	249	252	257	243	244	223	235	233	253	280	262	202	39
Males .....	.....	196	199	202	204	197	198	171	186	186	209	208	210	39	14.9
Females .....	.....	49	50	50	53	46	46	52	49	47	49	52	52	7	18.6
Pottery, Terra-Cotta and Fire Clay Products	18	1,255	1,500	1,573	1,695	1,578	1,421	1,626	1,679	1,686	1,673	1,617	1,633	431	25.6
Males .....	.....	1,185	1,425	1,496	1,623	1,511	1,341	1,553	1,588	1,589	1,574	1,519	1,541	414	25.9
Females .....	.....	70	75	77	72	67	80	74	91	97	99	98	92	17	(e)
Printing and Publishing	20	649	681	704	700	678	692	704	724	690	683	684	708	75	10.4
Males .....	.....	501	508	522	520	510	501	502	528	524	511	511	518	29	5.5
Females .....	.....	148	173	182	180	168	191	202	196	166	172	178	198	50	24.8
Rubber Products	25	16,226	17,402	19,169	22,651	23,709	24,901	25,781	25,151	25,676	26,212	26,433	27,937	11,711	41.9
Males .....	.....	14,663	16,043	17,738	20,078	21,738	22,922	23,799	23,979	24,511	24,711	24,711	26,109	11,452	43.9
Females .....	.....	1,569	1,719	1,817	1,973	1,971	1,979	1,932	1,747	1,747	1,701	1,722	1,828	11,452	20.7
Stoves and Furnaces	6	383	383	378	349	366	355	355	373	386	445	479	478	129	27.0
Males .....	.....	383	383	378	349	366	355	355	373	386	445	479	478	129	27.0
SERVICE—															
Hotels	8	154	145	150	162	161	159	157	163	160	179	180	154	34	19.0
Males .....	.....	103	106	109	108	106	104	104	104	105	120	120	104	102	16.7
Females .....	.....	51	39	40	54	55	55	53	59	55	59	60	50	32	(e)
Laundries and Dry Cleaners	10	213	214	228	235	228	242	243	242	249	283	289	288	58	20.8
Males .....	.....	82	82	86	92	84	83	82	83	99	103	103	104	23	21.3
Females .....	.....	131	132	142	143	144	151	151	149	150	180	186	184	35	21.1
Restaurants	14	194	181	178	128	132	147	153	164	174	178	178	166	85	29.5
Males .....	.....	83	87	88	79	84	90	107	115	124	124	123	119	46	26.3
Females .....	.....	41	44	43	49	48	47	45	49	49	52	50	47	11	(e)
TRADE—															
Retail and Wholesale Stores	90	595	597	659	680	680	673	656	684	681	720	718	702	107	21.9
Males .....	.....	462	486	524	537	543	532	543	537	549	573	576	583	121	20.8
Females .....	.....	133	102	135	143	137	141	114	147	132	143	143	119	77	43.0

Yards, Coal and Lumber.....	21	200	201	247	243	267	268	261	272	283	294	306	321	101	31.5
Males .....	.....	20	21	247	243	267	268	261	272	283	294	306	321	101	31.5
TRANSPORTATION AND PUBLIC UTILITIES—															
Natural Gas	3	44	58	68	83	95	102	108	100	108	101	118	126	83	65.1
Males .....	.....	43	57	67	82	94	101	107	99	106	100	117	125	82	65.6
Females .....	.....	1	1	1	1	1	1	1	1	1	1	1	1	1	.....
Telephone	6	127	131	141	134	138	144	140	117	150	151	164	164	164	23.7
Males .....	.....	40	40	50	46	49	48	48	49	49	53	64	57	16	(a)
Females .....	.....	83	82	91	88	87	96	92	68	101	98	100	107	25	23.4

TEMBULL COUNTY

ALL INDUSTRIES	187	8,095	8,420	8,255	9,150	10,102	10,452	10,129	10,335	10,639	10,721	10,367	11,312	3,217	28.4
Males .....	.....	7,410	7,780	7,573	8,406	9,296	9,551	9,256	9,429	9,686	9,765	9,379	10,333	2,923	28.3
Females .....	.....	685	640	682	744	806	891	873	906	953	956	988	979	306	31.0
CONSTRUCTION—															
General Contracting	13	59	34	74	99	153	144	208	178	113	150	159	222	188	84.7
Males .....	.....	58	34	74	99	153	144	208	178	113	150	159	222	188	84.7
Females .....	.....	1	1	1	1	1	1	1	1	1	1	1	1	1	.....
Street, Road and Sewer Contracting	8	51	6	33	85	110	89	117	113	149	154	151	35	148	94.1
Males .....	.....	51	6	33	85	110	89	117	113	149	154	151	35	148	94.1
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MANUFACTURES—															
Cars, Steam Railroad, not including operations of Railroad Companies	3	200	210	236	363	262	305	271	276	297	319	354	376	176	46.8
Males .....	.....	200	210	236	363	262	305	271	276	297	319	354	376	176	46.8
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Copper, Tin and Sheet Iron Products	7	269	290	399	442	397	395	370	296	334	377	293	461	192	41.6
Males .....	.....	239	255	347	413	365	363	340	363	354	351	261	429	190	44.8
Females .....	.....	30	35	42	29	32	33	30	33	30	26	32	22	16	(a)
Electrical Machinery, Apparatus and Supplies	4	248	265	267	283	298	306	290	281	300	337	336	364	116	31.9
Males .....	.....	223	232	232	250	263	267	244	240	253	289	286	316	94	29.7
Females .....	.....	25	31	35	32	30	39	36	41	43	48	50	48	24	.....
Foundry and Machine Shop Products	14	1,087	1,554	1,572	1,885	1,642	1,645	1,673	1,678	1,690	1,741	1,771	1,869	798	42.3
Males .....	.....	1,065	1,552	1,570	1,883	1,640	1,643	1,671	1,676	1,688	1,739	1,769	1,867	798	42.4
Females .....	.....	22	2	2	2	2	2	2	2	2	2	2	2	.....	.....
Furniture and Refrigerators	3	94	93	91	83	97	94	85	75	83	98	100	104	29	27.9
Males .....	.....	94	93	91	83	97	94	85	75	83	98	100	104	29	27.9
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Steel Works and Rolling Mills	7	3,609	3,515	3,032	3,241	4,196	4,428	4,215	4,260	4,442	4,384	4,905	4,723	1,700	35.9
Males .....	.....	3,593	3,500	3,015	3,225	4,177	4,408	4,194	4,240	4,422	4,364	4,586	4,713	1,698	36.0
Females .....	.....	16	15	17	16	19	20	21	20	20	20	19	19	6	(a)
TRADE—															
Yards, Coal and Lumber	12	52	57	59	69	79	95	86	88	95	102	102	97	50	49.0
Males .....	.....	52	56	58	68	78	94	85	87	94	101	101	96	49	48.5
Females .....	.....	.....	1	1	1	1	1	1	1	1	1	1	1	1	(a)

a Not computed owing to small number represented.

TABLE IV—Concluded.
TEMBULL COUNTY—Concluded.

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
TRANSPORTATION AND PUBLIC UTILITIES—															
Telegraph and Telephone.....	8	91	84	85	88	90	97	99	96	99	100	94	93	16	16.0
Males		23	19	19	20	23	28	29	25	28	27	22	22	10	(a)
Females		68	65	66	68	67	69	70	70	71	73	72	71	8	(a)
TUSCARAWAS COUNTY															
ALL INDUSTRIES															
Males	149	3,389	3,797	4,603	4,778	4,922	5,103	5,104	5,125	5,238	5,232	5,412	5,508	2,119	38.5
Females		3,176	3,493	4,267	4,442	4,531	4,769	4,761	4,802	4,912	4,897	5,015	5,110	1,934	37.8
		213	304	336	336	341	334	343	323	374	386	397	398	185	46.5
CONSTRUCTION—															
General Contracting	9	36	42	35	70	98	101	117	108	113	95	81	60	82	70.1
Males		36	42	35	70	98	101	117	108	113	95	81	60	82	70.1
MANUFACTURES—															
Brick and Tile	8	95	120	128	147	165	158	153	156	137	150	149	151	70	42.4
Males		95	120	128	147	165	158	153	156	137	150	149	151	70	42.4
Foundry and Machine Shop Products.....	6	449	431	471	451	436	485	513	508	518	538	539	554	123	22.2
Males		444	425	450	450	425	473	502	497	501	517	521	540	115	21.3
Females		5	6	14	11	11	12	10	11	17	16	18	14	13	(a)
Pottery, Terra-Cotta and Fire Clay Products	17	1,271	1,271	1,394	1,457	1,410	1,413	1,399	1,265	1,239	1,173	1,115	1,197	342	23.5
Males		1,253	1,271	1,394	1,457	1,410	1,413	1,399	1,265	1,239	1,173	1,115	1,197	342	23.5

TABLE V—FLUCTUATION IN NUMBER OF BOOKKEEPERS, STENOGRAPHERS, AND OFFICE CLERKS EMPLOYED, BY INDUSTRIES.

(The first section of this table presents data for the State and the second section for each of the 20 counties having a population of 50,000 or over in 1910. For the State every industry is shown for which three or more establishments reported and 100 or more bookkeepers, stenographers, and office clerks are represented, and for each of the counties indicated every industry is shown for which three or more establishments reported and 50 or more bookkeepers, stenographers, and office clerks are represented. The manufacturing industries are grouped alphabetically under sub-groups for the State and alphabetically under the general group "Manufactures" and without sub-groups, for each of the 20 counties.)

THE STATE.

Industry and Sex.	Number of estab-lish-ments report-ing.	Number of bookkeepers, stenographers and office clerks employed on the 15th of each month.												Variation from maximum.	
														Num-ber.	Per cent.
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.		
ALL INDUSTRIES	17,981	63,928	68,978	64,908	64,917	65,523	66,506	66,836	67,314	67,913	68,351	68,959	70,057	6,131	8.8
Males.....	.....	37,284	37,274	37,644	37,852	38,299	39,009	39,418	39,807	40,024	40,297	40,585	41,127	3,853	9.4
Females.....	.....	26,644	31,704	27,264	27,065	27,224	27,497	27,418	27,507	27,889	28,054	28,374	28,930	2,288	7.9
AGRICULTURE	270	132	141	163	182	165	132	125	118	125	130	129	124	64	35.2
Males.....	.....	84	35	39	40	37	37	38	37	39	39	40	41	7	(a)
Females.....	.....	88	106	124	142	128	95	87	81	86	90	89	85	61	43.0
Florists, Fruit Growers, Nurserymen and Seedsmen	96	107	116	138	157	141	107	100	93	100	105	104	100	64	40.8
Males.....	.....	25	27	31	32	29	28	28	27	29	30	30	31	6	(a)
Females.....	.....	81	89	107	125	112	79	72	66	71	75	73	69	59	47.3
Agriculture, not otherwise classified	175	25	25	25	25	24	25	25	25	25	25	25	24	1	(a)
Males.....	.....	8	8	8	8	8	10	10	10	10	10	10	8	1	(a)
Females.....	.....	17	17	17	17	16	15	15	15	15	15	15	16	2	(a)
CONSTRUCTION	3,219	1,601	1,907	1,626	1,680	1,706	1,721	1,773	1,819	1,842	1,863	1,882	1,891	290	15.3
Males.....	.....	971	976	1,094	1,025	1,048	1,067	1,110	1,158	1,178	1,200	1,227	1,227	256	20.9
Females.....	.....	630	632	632	655	658	654	663	661	664	663	655	664	38	5.7
Electrical Contracting	86	119	118	123	123	130	125	118	120	121	119	120	124	12	9.2
Males.....	.....	68	67	64	66	72	67	69	61	63	61	62	66	15	(a)
Females.....	.....	61	51	59	57	58	58	59	59	58	58	58	58	3	(a)
General Contracting	1,231	457	463	472	506	517	528	548	544	547	564	564	590	133	22.5
Males.....	.....	279	282	291	314	322	323	354	350	350	363	364	397	118	29.7
Females.....	.....	178	180	181	192	195	199	194	194	197	196	191	193	21	10.6
Oil and Gas Drilling	199	180	185	178	179	176	169	189	191	189	193	192	188	24	12.4
Males.....	.....	155	152	146	146	144	137	157	159	157	159	158	155	22	13.8
Females.....	.....	34	33	32	33	32	32	32	32	32	34	34	34	2	(a)

a Not computed owing to small number represented.

TABLE IV—Concluded.
TRUMBULL COUNTY—Concluded.

Industry and Sex.	Number of establishments reporting.	Number of wage earners employed on the 15th of each month.												Variation from maximum.		
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.	
TUSCARAWAS COUNTY																
TRANSPORTATION AND PUBLIC UTILITIES—																
Telegraph and Telephone.....	8	81	84	85	88	90	97	99	95	99	100	94	93	16	16.0	
Males	23	19	19	20	20	23	28	29	25	28	27	22	22	10	(a)	
Females	68	66	66	68	67	69	69	70	70	71	73	72	71	8	(b)	
ALL INDUSTRIES																
Males	149	3,288	3,787	4,803	4,778	4,922	5,103	5,104	5,126	5,288	5,288	5,412	5,508	2,119	38.5	
Females		2,176	3,493	4,287	4,442	4,581	4,769	4,761	4,802	4,912	4,897	5,015	5,110	1,994	37.8	
		213	304	536	336	341	324	343	323	374	386	397	398	1,186	46.5	
CONSTRUCTION—																
General Contracting	9	38	42	35	70	88	101	117	103	113	95	81	60	82	70.1	
Males		36	42	35	70	88	101	117	103	113	95	81	60	82	70.1	
MANUFACTURES—																
Brick and Tile	8	95	120	128	147	165	158	158	156	137	150	149	151	70	42.4	
Males		85	120	128	147	165	158	158	156	137	150	149	151	70	42.4	
Foundry and Machine Shop Products ..	6	449	420	477	461	488	485	512	508	518	531	539	554	172	22.2	
Males		444	426	467	450	473	473	502	497	501	517	521	540	115	21.3	
Females		5	6	14	11	11	12	10	11	17	16	18	14	13	(c)	
Pottery, Terra-Cotta and Fire Clay	17	1,253	1,271	1,894	1,457	1,410	1,413	1,309	1,286	1,289	1,172	1,115	1,197	342	28.5	
Products		1,253	1,271	1,894	1,457	1,410	1,413	1,309	1,286	1,289	1,172	1,115	1,197	342	28.5	
Males		1,253	1,271	1,894	1,457	1,410	1,413	1,309	1,286	1,289	1,172	1,115	1,197	342	28.5	

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TABLE V—FLUCTUATION IN NUMBER OF BOOKKEEPERS, STENOGRAPHERS, AND OFFICE CLERKS EMPLOYED, BY INDUSTRIES.

(The first section of this table presents data for the State and the second section for each of the 20 counties having a population of 50,000 or over in 1910. For the State every industry is shown for which three or more establishments reported and 100 or more bookkeepers, stenographers, and office clerks are represented, and for each of the counties indicated every industry is shown for which three or more establishments reported and 50 or more bookkeepers, stenographers, and office clerks are represented. The manufacturing industries are grouped alphabetically under sub-groups for the State and alphabetically under the general group "Manufactures" and without sub-groups, for each of the 20 counties.)

THE STATE.

Industry and Sex.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks employed on the 15th of each month.												Variation from maximum.
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	
ALL INDUSTRIES	17,981	63,926	63,973	64,908	64,917	65,523	66,506	66,836	67,314	67,913	68,961	68,959	70,057	6,131
Males	.....	37,234	37,274	37,644	37,852	38,299	39,009	39,418	39,907	40,024	40,297	40,586	41,127	3,853
Females	.....	26,642	26,699	26,964	27,065	27,224	27,497	27,418	27,507	27,889	28,064	28,374	28,930	2,288
AGRICULTURE	270	132	141	163	182	165	132	125	118	125	130	129	124	64
Males	.....	34	35	39	40	37	37	38	37	39	40	41	39	7
Females	.....	98	106	124	142	128	95	87	81	86	90	88	85	61
Florists, Fruit Growers, Nurserymen and Seedsmen	95	107	116	138	157	141	107	100	93	100	105	104	100	64
Males	.....	26	27	31	32	29	28	28	27	29	30	31	31	6
Females	.....	81	89	107	125	112	79	72	66	71	75	73	69	59
Agriculture, not otherwise classified.	175	25	26	26	25	24	25	25	25	25	25	25	24	1
Males	.....	8	8	8	8	8	9	10	10	10	10	10	10	8
Females	.....	17	17	17	17	16	16	15	15	15	15	15	16	2
CONSTRUCTION	3,219	1,601	1,607	1,626	1,680	1,706	1,721	1,773	1,819	1,842	1,868	1,882	1,891	290
Males	.....	971	976	994	1,026	1,048	1,067	1,110	1,158	1,178	1,200	1,220	1,227	256
Females	.....	630	632	632	655	658	654	663	661	664	668	662	664	38
Electrical Contracting	86	119	118	123	128	130	125	118	120	121	119	120	124	12
Males	.....	63	67	64	65	72	67	69	61	63	61	62	66	15
Females	.....	56	51	59	63	58	58	59	59	58	58	58	58	3
General Contracting	1,231	457	463	472	506	517	538	548	544	547	558	576	590	133
Males	.....	279	282	291	314	322	329	354	350	350	363	384	397	118
Females	.....	178	180	181	192	195	199	194	194	197	196	191	193	21
Oil and Gas Drilling.	199	189	186	179	176	176	189	189	191	189	193	192	189	21
Males	.....	155	153	146	146	144	137	157	159	157	159	163	165	24
Females	.....	34	33	33	33	32	32	32	32	32	34	34	34	2
														(a)

a Not computed owing to small number represented.

TABLE V—Continued.
THE STATE—Continued.

Industry and Sex.	Number of estab-lish-ments report-ing.	Number of bookkeepers, stenographers and office clerks employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
CONSTRUCTION—Concluded.															
Plumbing and Steam Fitting.....	232	351	350	352	354	355	357	360	365	369	368	371	371	31	5.7
Males.....	.....	198	196	200	200	201	202	207	216	219	218	219	217	23	10.5
Females.....	.....	133	154	152	154	154	155	153	149	150	150	153	154	8	3.3
Sheet Metal Work and Roofing.....	238	187	163	167	164	164	166	170	171	174	174	170	170	17	9.3
Males.....	.....	82	88	90	88	88	89	92	95	95	98	95	97	14	(3)
Females.....	.....	75	76	77	76	76	77	78	76	79	76	79	77	4	(3)
Street, Road and Sewer Contracting.....	301	55	58	56	58	59	60	76	111	156	159	156	157	84	50.6
Males.....	.....	52	55	53	55	56	57	73	111	155	158	156	157	70	50.6
Females.....	.....	27	27	27	33	34	34	35	40	41	41	41	41	14	(3)
Construction, not otherwise classified.....	304	246	245	248	253	253	267	277	277	278	280	281	282	47	18.1
Males.....	.....	144	144	144	147	153	157	165	168	175	175	181	183	38	20.9
Females.....	.....	102	101	104	106	100	110	112	111	107	111	110	110	11	9.3
FISHERIES															
Males.....	25	29	31	32	40	41	39	37	35	35	36	35	32	13	(3)
Females.....	.....	9	10	12	15	15	14	13	12	12	13	13	11	6	(3)
MANUFACTURES															
Males.....	7,884	39,379	39,730	40,199	40,298	40,793	41,397	41,894	42,215	42,595	42,936	43,297	43,717	4,408	10.1
Females.....	.....	24,708	24,949	25,139	25,353	25,657	26,066	26,467	26,777	27,092	27,114	27,332	27,630	2,877	10.6
Chemicals and Allied Products.....	301	1,406	1,408	1,413	1,405	1,417	1,421	1,425	1,430	1,435	1,441	1,447	1,453	1,461	9.2
Males.....	.....	1,406	1,404	1,406	1,405	1,417	1,421	1,425	1,430	1,435	1,441	1,447	1,453	1,461	9.2
Females.....	.....	1,406	1,404	1,406	1,405	1,417	1,421	1,425	1,430	1,435	1,441	1,447	1,453	1,461	9.2
Baking Powder and Yeast.....	4	201	200	204	201	207	206	207	212	220	219	224	228	13	6.7
Males.....	.....	141	138	140	139	141	141	141	148	159	159	160	162	5	3.5
Females.....	.....	60	62	64	62	66	65	66	64	61	60	64	66	9	(3)
Chemicals, Acids and Wood Distilla- tion.....	45	310	314	314	318	311	311	315	313	310	306	302	307	16	5.0
Males.....	.....	200	202	205	204	204	210	216	215	214	215	214	217	17	7.8
Females.....	.....	110	112	109	114	107	101	99	98	96	91	91	90	25	22.3
Fertilizers.....	21	97	97	99	99	99	99	100	95	95	94	91	94	6	9.0
Males.....	.....	66	67	69	69	69	69	70	68	68	66	65	66	5	(3)
Females.....	.....	31	30	30	30	30	30	30	27	27	28	26	28	1	(3)
Paint and Varnish.....	72	371	385	374	347	338	339	377	387	387	382	380	379	46	12.7
Males.....	.....	429	479	477	467	467	468	483	486	490	483	483	486	13	3.0
Females.....	.....	289	404	397	387	404	408	385	401	397	400	397	393	29	9.6

Patent Medicines and Drug Compounds	49	259	268	280	289	275	266	255	253	251	252	277	282	38	13.1
Males	65	63	63	64	65	65	65	65	65	63	63	66	66	3	(a)
Females	184	205	216	216	224	210	201	188	188	188	189	211	218	36	16.1
Petroleum Refining	11	122	123	124	125	126	126	128	129	128	131	133	139	9	6.9
Males	110	111	112	112	112	114	117	117	118	117	120	118	120	10	8.3
Females	13	13	13	12	12	12	12	12	11	11	11	10	9	4	(a)
Soap and Candles	23	653	653	653	657	656	654	657	657	667	669	684	695	55	9.1
Males	257	258	259	259	260	257	259	261	261	267	268	266	269	12	4.5
Females	283	285	304	304	307	309	305	306	306	305	306	313	285	43	12.8
Chemicals and Allied Products, not otherwise classified	76	270	272	271	278	273	270	271	274	277	279	278	277	9	3.2
Males	145	146	146	146	146	146	147	147	148	147	148	149	147	6	4.0
Females	127	128	127	127	127	127	127	127	126	130	129	129	130	7	5.3
Food and Kindred Products	1,198	2,017	2,014	2,011	2,033	2,041	2,067	2,097	2,153	2,138	2,167	2,175	2,176	165	7.6
Males	1,003	1,008	1,008	1,008	1,015	1,020	1,034	1,054	1,080	1,078	1,096	1,100	1,106	102	9.2
Females	1,013	1,006	1,006	1,003	1,018	1,021	1,033	1,048	1,073	1,063	1,071	1,070	1,070	67	6.2
Bread and other Bakery Products	386	326	327	327	328	327	328	328	335	331	335	334	336	10	3.0
Males	111	112	116	116	109	108	108	108	111	111	115	112	113	8	6.9
Females	215	214	211	211	217	219	221	223	221	220	220	222	224	13	5.8
Butter, Cheese and Condensed Milk	109	227	226	229	234	241	249	249	252	242	243	237	235	29	11.4
Males	82	82	84	84	86	88	89	91	94	89	88	87	87	12	(a)
Females	145	143	145	145	148	153	160	158	158	153	155	150	148	20	12.3
Canning and Preserving Fruits and Vegetables	90	65	64	61	66	70	76	79	92	105	92	85	78	44	41.9
Males	30	29	29	27	31	33	37	38	47	53	45	41	39	26	(a)
Females	35	35	35	34	35	37	39	41	45	52	46	44	39	18	(a)
Coffee, Spices and Peanuts, Roasting and Grinding	35	221	222	222	229	224	244	248	280	257	264	266	267	49	17.5
Males	107	109	123	124	115	124	126	127	130	130	133	133	134	11	8.2
Females	220	230	232	232	232	237	241	245	247	249	252	254	257	43	28.7
Confectionery and Ice Cream	104	96	96	97	99	103	106	110	111	110	111	111	112	17	15.2
Males	135	135	135	135	133	134	135	135	136	139	141	143	145	12	8.3
Females	489	440	438	438	439	440	439	445	448	448	453	452	457	19	4.3
Flour Mill and Grist Mill Products	883	243	244	244	246	248	248	251	253	251	255	256	259	16	6.2
Males	196	196	194	194	198	192	191	194	196	197	197	196	198	7	3.5
Females	317	310	307	307	313	308	311	312	314	318	323	329	333	31	12.2
Slaughtering and Meat Packing	81	221	221	216	223	224	224	227	229	232	235	237	246	30	(a)
Males	96	96	96	91	90	87	87	85	86	86	88	88	92	11	(a)
Females	182	187	187	181	184	179	178	181	184	186	205	216	208	38	17.6
Food and Kindred Products, not otherwise classified	50	98	97	97	97	96	96	100	102	102	114	123	117	28	23.8
Males	84	84	84	84	82	82	82	81	82	84	91	91	91	12	(a)
Females	1,894	12,533	12,714	12,900	12,693	12,945	13,092	13,290	13,411	13,540	13,689	13,856	14,077	1,644	11.0
Iron and Steel and their Products	30	9,228	9,244	9,406	9,301	9,464	9,627	9,785	9,871	9,983	10,092	10,224	10,272	1,146	11.0
Males	172	176	176	174	178	180	182	182	181	184	186	186	186	388	10.7
Females	13	13	13	13	14	14	14	14	16	16	18	18	19	47	21.5
Bolts, Nuts, Washers and Rivets, not made in Steel Works or Rolling Mills	18	213	214	216	216	217	218	218	215	222	224	227	227	15	6.6
Males	147	147	147	147	147	147	147	147	145	151	153	156	156	12	7.7
Females	69	69	69	69	68	68	69	69	71	71	71	72	72	4	(a)

a Not computed owing to small number represented.

TABLE V—Continued.

THE STATE—Continued.

Industry and Sex.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks employed on the 15th of each month.												Variation from maximum.
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	
MANUFACTURES—Continued.														
Cash Registers and Calculating Machines	14	635	656	653	635	639	639	633	628	629	653	661	652	33
Chines	...	362	353	356	349	346	349	340	332	332	343	339	331	8
Females	...	273	308	296	286	293	290	290	296	297	310	322	321	49
Males	...	253	267	263	255	263	268	272	276	276	284	292	306	61
Cutlery and Tools	44	133	136	139	135	136	142	147	153	153	153	156	172	39
Females	...	119	122	124	120	127	126	127	123	123	126	127	131	12
Males	...	360	355	364	312	374	379	394	408	410	426	434	448	131
Forgings	41	222	223	221	167	230	223	240	248	254	262	270	276	109
Females	...	138	142	143	145	144	147	154	156	156	164	164	167	29
Males	...	6,507	6,546	6,618	6,824	6,714	6,832	6,952	6,992	7,085	7,158	7,236	7,347	109
Foundry and Machine Shop Products	900	4,696	4,717	4,769	4,769	4,832	4,931	5,042	5,062	5,154	5,269	5,263	5,355	940
Females	...	1,809	1,828	1,849	1,855	1,882	1,901	1,910	1,933	1,941	1,949	1,973	1,993	657
Males	...	120	122	121	122	121	119	121	118	119	115	114	115	183
Pumps, not including Steam Pumps	17	79	80	78	79	78	78	78	77	76	74	74	74	8
Females	...	41	43	43	43	43	41	43	41	43	41	40	39	6
Males	...	191	188	199	189	189	192	189	184	185	186	194	199	15
Safes and Vaults	11	109	107	111	111	111	112	109	109	110	109	112	116	9
Females	...	82	81	81	78	78	81	80	76	75	77	81	88	8
Males	...	118	118	121	117	116	116	120	121	121	121	120	119	8
Scales and Balances	3	70	71	72	69	70	71	71	70	68	69	67	67	5
Females	...	48	47	49	48	46	47	49	51	53	52	53	53	7
Males	...	121	121	121	123	123	122	122	121	121	122	122	123	2
Sewing Machines, Cases and Attachments	3	82	83	82	84	84	83	83	83	82	82	82	83	1
Females	...	89	89	89	89	89	89	89	89	89	89	89	89	29
Males	...	63	63	63	63	63	63	63	63	63	63	63	63	16
Springs, Steel, Car and Carriage	6	82	83	83	83	83	83	83	83	83	83	83	83	3
Females	...	21	21	21	21	21	21	21	21	21	21	21	21	13
Males	...	61	62	62	62	62	62	62	62	62	62	62	62	3
Steel Works and Rolling Mills	56	2,761	2,800	2,833	2,806	2,857	2,907	2,954	3,006	3,012	3,024	3,086	3,108	24
Females	...	2,453	2,547	2,540	2,498	2,529	2,580	2,620	2,654	2,665	2,677	2,729	2,748	344
Males	...	306	313	313	318	328	327	334	336	347	347	357	360	290
Stoves and Furnaces	88	638	630	634	634	631	630	633	636	638	647	660	670	54
Females	...	322	324	324	324	324	325	325	328	328	328	328	328	44
Males	...	306	306	307	307	307	306	308	308	310	314	321	323	27
Wire Work, including Wire Rope and Cable	35	85	88	97	97	93	96	98	98	91	95	98	109	18

TABLE V—Continued.
THE STATE—Continued.

Industry and Sex.	Number of estab-lish-ments report-ing.	Number of bookkeepers, stenographers and office clerks employed on the 1st of each month.											Variation from maximum.			
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.	
MANUFACTURES—Continued.																
Copper, Tin and Sheet Iron Products.....	144	874	879	901	909	916	935	935	939	941	952	966	964	92	9.5	
Males.....	502	506	506	506	512	519	532	528	531	538	550	557	558	56	10.0	
Females.....	372	373	395	397	397	403	407	408	408	403	402	409	406	37	9.0	
Gas and Electric Fixtures and Lamps.....	40	843	832	830	810	805	784	802	780	780	795	810	822	63	7.5	
Males.....	405	401	404	387	388	370	381	375	379	378	379	377	380	35	8.6	
Females.....	438	431	426	423	417	417	414	411	405	402	416	433	432	36	8.2	
Metals and Metal Products other than Iron and Steel, not otherwise classified.....	63	158	155	154	155	155	156	159	160	161	167	169	172	18	10.5	
Males.....	78	77	76	76	76	76	76	76	75	75	76	79	82	7	12	
Females.....	80	78	79	79	79	79	81	83	85	85	88	90	90	11	(a)	
Paper and Printing.....	894	3,975	3,966	3,950	3,945	3,941	3,934	3,905	3,896	4,093	4,062	4,174	4,181	286	6.8	
Males.....	2,041	2,041	2,053	2,053	2,051	2,051	2,062	2,066	2,058	2,079	2,075	2,106	2,137	96	4.5	
Females.....	1,934	1,925	1,897	1,892	1,890	1,872	1,839	1,838	1,838	2,014	2,007	2,068	2,044	230	11.1	
Boxes, Fancy and Paper.....	52	190	130	131	130	130	130	123	128	129	131	133	134	5	3.7	
Males.....	74	74	74	73	73	73	73	75	74	74	74	74	75	2	2	
Females.....	56	56	57	57	57	57	57	57	55	57	59	59	59	4	(a)	
Paper and Wood Pulp.....	51	194	194	194	194	194	197	201	199	198	199	205	207	14	6.8	
Males.....	107	106	107	107	104	106	107	111	110	108	108	110	110	7	6.8	
Females.....	87	87	87	90	88	90	90	90	89	90	93	95	97	10	(a)	
Printing and Publishing.....	713	3,453	3,444	3,463	3,411	3,408	3,408	3,371	3,365	3,556	3,548	3,632	3,627	272	7.5	
Males.....	1,765	1,764	1,771	1,777	1,772	1,783	1,783	1,782	1,776	1,796	1,795	1,831	1,852	88	4.8	
Females.....	1,687	1,680	1,692	1,642	1,639	1,625	1,625	1,589	1,589	1,760	1,753	1,811	1,785	222	12.3	
Paper and Printing, not otherwise classified.....	79	195	199	202	202	208	204	201	203	208	202	204	203	10	4.8	
Males.....	94	97	101	99	99	98	98	98	99	101	100	101	100	7	6.9	
Females.....	104	102	101	103	108	106	106	103	104	107	102	103	103	6	5.6	
Rubber Products.....	69	3,542	3,807	3,725	3,859	3,936	4,126	4,247	4,284	4,276	4,310	4,268	4,354	812	18.6	
Males.....	2,437	2,470	2,547	2,639	2,682	2,827	2,896	2,896	2,930	2,886	2,898	2,880	2,945	508	17.2	
Females.....	1,105	1,137	1,178	1,220	1,254	1,309	1,351	1,351	1,354	1,390	1,413	1,383	1,409	307	21.7	
Stone, Clay and Glass Products.....	721	1,164	1,137	1,138	1,137	1,207	1,217	1,217	1,217	1,214	1,208	1,207	1,203	53	4.4	
Males.....	673	681	686	692	697	697	702	704	702	708	694	692	687	31	4.4	
Females.....	491	494	500	505	510	515	515	513	513	511	513	514	516	25	4.8	
Brick and Tile.....	233	153	153	156	157	161	163	164	165	160	160	159	163	12	7.3	
Males.....	96	96	98	99	101	104	104	104	107	104	104	103	101	11	10.8	
Females.....	57	57	53	53	50	56	59	58	58	56	56	56	57	4	(a)	

Glass	41	235	296	302	308	309	307	302	300	300	303	300	14	4.5
Males	180	183	186	187	186	187	186	185	184	184	186	183	8	4.3
Females	115	116	117	120	121	121	120	116	116	117	117	117	6	5.0
Pottery, Terra-Cotta and Fire Clay Products	137	506	511	514	522	521	519	519	524	519	522	522	18	3.4
Males	276	279	280	280	281	281	278	278	283	278	279	279	8	2.8
Females	230	232	233	234	238	241	241	244	241	241	242	243	14	5.7
Stone, Clay and Glass Products, not otherwise classified	280	210	213	216	222	224	227	221	230	227	224	223	21	9.1
Males	121	123	124	124	129	129	133	135	132	128	126	124	14	10.4
Females	89	90	92	92	93	95	94	99	98	99	99	99	10	(a)
Textiles	657	2,011	2,061	2,066	2,084	2,060	2,068	2,122	2,143	2,177	2,115	2,115	166	7.6
Males	380	986	1,004	1,004	1,009	1,010	1,016	1,039	1,086	1,044	1,041	1,015	64	6.1
Females	1,031	1,066	1,062	1,062	1,076	1,050	1,052	1,083	1,107	1,133	1,113	1,100	102	9.0
Clothing, Men's, Including Shirts	151	686	692	706	715	704	702	701	730	746	738	722	60	8.0
Males	347	355	355	355	350	351	350	353	352	363	367	363	21	5.7
Females	339	337	337	351	365	353	354	351	378	382	371	364	46	12.0
Clothing, Women's	104	602	613	620	627	616	618	642	680	675	680	629	73	10.3
Males	275	279	285	291	291	278	288	296	310	306	304	277	35	11.3
Females	327	334	335	338	336	338	346	353	359	369	356	352	42	11.4
Flags, Banners and Regalia	8	109	109	111	117	111	113	114	112	115	111	112	8	6.8
Males	74	75	76	76	78	77	78	78	78	80	76	78	6	(a)
Females	35	34	35	35	38	34	35	34	34	35	35	34	5	(a)
Hosiery and Knit Goods	31	111	106	108	110	110	110	112	113	120	126	124	18	14.3
Males	35	34	34	34	34	35	35	36	37	37	38	38	4	(a)
Females	76	74	74	74	76	76	77	77	83	86	88	86	14	(a)
Textiles, not otherwise classified	363	503	509	512	515	522	517	519	518	512	518	513	19	3.6
Males	249	252	255	256	256	262	259	260	260	259	253	256	13	5.0
Females	254	257	257	257	259	260	258	269	268	253	264	254	11	4.2
Tobacco Manufactures	240	245	246	246	240	200	195	192	193	193	192	189	14	6.8
Males	122	123	123	123	119	120	118	116	119	119	118	121	7	5.7
Females	81	82	83	83	80	77	76	74	74	76	74	78	9	(a)
Vehicles for Land Transportation	325	2,649	2,729	2,827	2,896	2,944	3,020	3,105	3,189	3,229	3,288	3,369	720	21.4
Males	1,840	1,885	1,934	1,983	2,019	2,074	2,148	2,204	2,267	2,320	2,312	2,372	533	22.5
Females	809	844	893	843	913	925	946	967	985	962	976	996	187	18.8
Automobiles, Including Bodies and Parts	100	1,939	1,995	2,072	2,146	2,195	2,276	2,358	2,434	2,474	2,498	2,577	638	24.8
Males	1,363	1,401	1,445	1,498	1,530	1,530	1,584	1,648	1,699	1,757	1,795	1,849	486	26.3
Females	576	627	647	677	665	665	692	710	735	717	713	728	159	21.6
Carriages, Wagons and Materials	199	365	388	407	402	397	385	376	373	382	392	401	42	10.2
Males	209	216	219	217	218	218	211	212	210	222	212	215	13	6.9
Females	156	172	183	188	185	179	171	165	167	163	180	186	32	17.0
Car, Steam Railroad, not including operations of Railroad Companies	9	148	146	148	150	151	158	170	174	178	183	183	37	20.2
Males	141	139	141	141	142	143	148	161	165	169	173	171	34	19.7
Females	7	9	7	7	8	8	10	9	9	10	12	12	5	(a)
Vehicles for Land Transportation, not otherwise classified	17	197	200	200	199	201	201	201	202	204	205	208	14	6.6
Males	127	129	128	128	128	128	128	128	131	131	134	134	14	10.0
Females	70	71	73	73	73	73	73	74	74	71	71	70	4	(a)
Miscellaneous Industries	631	3,354	3,860	3,443	3,614	3,694	3,694	3,687	3,715	3,723	3,785	3,816	462	12.1
Males	1,396	1,977	1,974	1,974	2,001	2,065	2,091	2,091	2,129	2,162	2,167	2,223	297	13.3
Females	1,418	1,423	1,466	1,466	1,469	1,513	1,539	1,546	1,586	1,571	1,583	1,583	108	10.6

a Not computed owing to small number represented.

TABLE V—Continued.

THE STATE—Continued.

Industry and Sex.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks employed on the 15th of each month.												Variation from maximum.		
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	N ^{um} -ber.	Per cent.	
MANUFACTURES—Concluded.																
Agricultural Implements	50	353	354	353	355	352	349	347	351	350	347	349	351	16	4.4	
Males	.....	239	237	243	240	239	239	238	238	240	240	242	244	7	2.9
Females	.....	114	117	120	115	113	110	109	111	111	107	107	107	13	10.8
Brushes	14	101	99	99	101	105	110	107	109	107	105	104	102	11	10.0	
Males	.....	48	46	46	48	49	51	49	49	50	51	49	48	6	(a)
Females	.....	53	54	53	53	56	59	58	60	57	54	55	54	7	(a)
Electrical Machinery, Apparatus and Supplies	98	1,286	1,292	1,304	1,235	1,319	1,372	1,379	1,421	1,444	1,464	1,499	1,533	247	16.1	
Males	.....	853	857	863	874	888	900	911	933	949	967	984	1,010	157	15.5
Females	.....	433	435	441	361	431	472	468	488	495	507	515	523	90	17.2
Ice, Manufactured	98	193	193	196	192	235	271	303	308	278	263	234	221	126	40.6	
Males	.....	106	103	108	104	111	130	146	145	135	123	115	113	43	29.5
Females	.....	87	90	88	88	124	141	157	163	141	130	119	108	83	50.9
Instruments, Professional and Scientific	7	104	101	106	106	109	112	117	119	119	125	124	125	21	16.8	
Males	.....	62	62	64	64	66	69	73	75	75	81	80	79	19	17.9
Females	.....	42	39	42	42	43	43	44	44	44	44	44	46	4	(a)
Munitions	5	31	31	31	31	36	57	68	76	84	90	96	100	69	69.0	
Males	.....	24	24	24	24	26	46	56	66	74	80	86	85	61	71.8
Females	.....	7	7	7	7	10	11	12	11	10	10	10	15	9	(a)
Roofing Materials	5	142	142	141	141	141	141	140	146	147	149	148	149	9	6.0	
Males	.....	82	82	82	82	82	85	82	88	89	90	89	90	8	(a)
Females	.....	60	59	59	59	59	56	58	58	58	59	59	59	2	(a)
Signs and Advertising Novelties	31	152	153	191	185	176	174	177	180	186	195	197	191	45	22.8	
Males	.....	48	48	58	57	57	57	57	58	58	59	62	61	14	(a)
Females	.....	104	105	133	128	119	117	120	122	128	136	135	130	32	23.5
Manufacturing Industries, not otherwise classified	323	992	1,002	1,003	1,007	1,011	1,005	999	1,005	1,010	1,015	1,034	1,044	52	5.0	
Males	.....	474	478	476	481	488	478	479	476	489	492	501	503	29	5.8
Females	.....	518	524	527	526	523	527	520	529	521	523	533	541	23	4.3
SERVICE	1,469	2,014	2,006	2,039	2,072	2,092	2,141	2,168	2,168	2,151	2,142	2,136	2,137	169	7.5	
Males	.....	889	900	916	937	952	967	973	978	963	967	982	983	79	8.1
Females	.....	1,115	1,106	1,123	1,135	1,140	1,174	1,195	1,190	1,188	1,175	1,154	1,154	89	7.4
Garages	193	274	278	285	286	305	312	319	318	324	328	335	335	62	13.5	
Males	.....	97	101	108	111	113	121	127	121	124	125	128	131	34	23.0
Females	.....	177	176	179	165	192	196	193	196	199	201	199	206	30	14.6

Hotels	246	670	670	676	689	696	713	713	707	701	696	709	48	6.9
Males	...	447	447	453	456	461	478	478	468	465	466	467	26	5.5
Females	...	223	223	223	226	231	240	240	239	236	238	238	17	5.5
Laundries and Dry Cleaners	270	546	546	554	567	573	576	576	575	579	584	576	38	6.5
Males	...	100	99	99	103	102	101	101	101	102	103	103	4	3.9
Females	...	450	447	455	464	472	476	476	474	477	481	472	34	7.1
Office Buildings	166	133	133	127	127	129	130	130	130	130	129	129	6	4.5
Males	...	68	67	64	66	66	66	66	67	67	67	67	4	(a)
Females	...	65	66	63	63	63	64	64	63	62	63	62	4	(a)
Restaurants	220	126	124	126	125	123	126	126	129	130	130	130	7	5.4
Males	...	56	56	58	57	56	57	58	60	62	63	60	6	(a)
Females	...	69	68	68	68	67	68	68	69	68	68	70	3	(a)
Service, not otherwise classified	374	262	257	270	275	274	306	306	287	277	287	287	50	16.3
Males	...	131	130	136	140	136	157	157	148	146	158	137	27	17.2
Females	...	131	127	134	135	138	151	148	139	131	132	130	26	16.4
TRADE	4,112	16,008	16,950	16,009	16,068	16,122	16,141	16,179	16,383	16,502	16,701	17,085	1,135	6.6
Males	...	7,567	7,511	7,578	7,614	7,711	7,706	7,780	7,825	7,875	7,982	8,003	492	6.1
Females	...	8,441	8,439	8,431	8,454	8,466	8,436	8,399	8,568	8,627	8,769	8,982	683	7.5
Offices	289	4,071	4,100	4,138	4,139	4,124	4,122	4,147	4,189	4,190	4,213	4,219	148	3.5
Males	...	2,490	2,409	2,431	2,443	2,439	2,464	2,427	2,463	2,487	2,501	2,492	92	3.7
Females	...	1,641	1,691	1,707	1,696	1,685	1,681	1,685	1,726	1,703	1,712	1,727	86	5.0
Retail Delivery, Milk, Ice and Water	60	88	88	91	91	97	104	104	104	104	102	99	16	15.4
Males	...	43	43	44	44	47	46	48	45	45	45	43	6	(a)
Females	...	45	45	47	47	50	58	56	59	59	57	56	14	(a)
Retail and Wholesale Stores	3,157	10,742	10,655	10,657	10,703	10,752	10,753	10,738	10,907	11,006	11,182	11,573	918	7.9
Males	...	4,370	4,336	4,372	4,387	4,420	4,461	4,507	4,631	4,650	4,696	4,678	342	7.3
Females	...	6,372	6,319	6,285	6,316	6,332	6,342	6,292	6,276	6,456	6,588	6,896	664	9.6
Yards, Coal and Lumber	606	1,107	1,107	1,124	1,135	1,149	1,162	1,180	1,193	1,202	1,203	1,194	96	8.0
Males	...	723	731	731	740	750	771	783	786	793	791	790	70	8.8
Females	...	353	384	393	395	399	401	397	407	409	412	404	29	7.0
TRANSPORTATION AND PUBLIC UTILITIES	996	4,833	4,508	4,540	4,587	4,685	4,768	4,780	4,772	4,747	4,779	5,071	563	11.1
Males	...	3,090	2,893	2,912	2,964	3,043	3,101	3,114	3,069	3,078	3,106	3,242	359	11.1
Females	...	1,743	1,625	1,628	1,623	1,622	1,667	1,666	1,673	1,669	1,673	1,829	207	11.2
Cartage (Drayage) and Storage, including Livery Stables	310	346	345	345	344	340	343	341	340	338	335	334	12	3.5
Males	...	224	224	224	231	227	227	229	225	221	225	223	11	4.7
Females	...	112	111	111	113	113	116	112	115	107	110	111	9	7.8
Electric Light and Power	102	673	671	676	708	731	705	706	704	701	735	720	64	8.7
Males	...	501	495	503	537	560	535	537	527	524	551	544	66	11.6
Females	...	172	176	173	171	176	170	179	177	177	184	176	14	7.6
Electric Railroads	65	1,241	1,241	1,245	1,245	1,256	1,278	1,310	1,298	1,290	1,297	1,298	75	5.7
Males	...	836	846	847	850	860	876	900	902	896	903	900	74	8.1
Females	...	399	393	396	396	396	402	400	396	394	394	398	9	2.2
Natural Gas	87	615	524	537	537	542	563	551	554	551	556	554	48	8.5
Males	...	435	449	460	467	459	463	479	469	475	473	472	44	9.3
Females	...	75	75	77	80	83	84	85	79	85	83	82	10	(a)
Pipe Lines (Petroleum)	11	113	113	111	112	112	114	115	114	113	113	114	4	3.5
Males	...	106	106	104	106	105	107	107	107	106	106	106	4	3.7
Females	...	7	7	7	7	7	7	7	7	7	7	8	1	(a)

a Not computed owing to small number represented.

TABLE V—Continued.
THE STATE—Continued.

Industry and Sex.	Number of estab-lish-ments report-ing.	Number of bookkeepers, stenographers and office clerks employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.
TRANSPORTATION AND PUBLIC UTILITIES—Continued.															
Telegraph and Telephone.....	341	1,739	1,402	1,416	1,403	1,424	1,720	1,466	1,473	1,477	1,481	1,472	1,906	404	22.4
Males .....	.....	903	577	591	587	613	749	624	631	622	625	619	792	226	28.1
Females .....	.....	986	825	825	816	811	971	842	842	855	856	852	1,014	203	20.0
Transportation by Water, including															
Steamboating	33	126	125	125	149	172	187	191	194	196	184	182	157	71	36.2
Males .....	.....	115	114	114	137	159	173	177	180	182	172	170	146	68	37.4
Females .....	.....	11	11	11	12	13	14	14	14	14	12	12	11	3	(a)
Transportation and Public Utilities, not otherwise classified.....	47	96	87	86	89	88	89	90	90	89	89	88	88	4	(a)
Males .....	.....	60	60	60	60	60	60	60	60	59	59	59	59	1	(a)
Females .....	.....	26	27	27	29	28	29	30	30	30	30	29	29	4	(a)

ALLEN COUNTY

ALL INDUSTRIES.....	234	479	500	512	519	539	556	543	550	559	554	550	557	80	14.2
Males.....	.....	297	310	320	331	339	353	323	349	354	352	344	347	67	18.9
Females.....	.....	192	190	192	188	200	203	210	201	206	202	206	210	22	10.5
TRADE—															
Retail and Wholesale Stores.....	56	102	100	101	101	102	102	103	100	101	101	101	106	6	5.7
Males.....	.....	28	29	29	30	29	28	28	28	29	30	30	31	3	(a)
Females.....	.....	74	71	72	71	73	74	75	72	72	71	71	75	4	(a)

ASHTABULA COUNTY

ALL INDUSTRIES.....	153	206	208	205	215	229	232	235	235	236	236	238	232	32	13.9
Males.....	.....	85	86	85	89	102	103	111	112	112	109	109	107	27	24.1
Females.....	.....	121	122	120	126	127	129	124	123	124	127	129	125	9	7.0

TRANSPORTATION AND PUBLIC UTILITIES

Transportation by Water, including Stevedoring	8	41	41	41	42	52	52	54	57	57	53	51	16	(a)
Males	36	36	36	36	37	41	41	49	52	52	48	46	16	(a)
Females	6	6	6	6	6	6	6	6	6	6	6	6	.....	.....

BELMONT COUNTY

ALL INDUSTRIES	151	255	259	264	265	269	280	278	275	279	284	293	29	10.2
Males	155	159	164	164	165	167	172	169	168	171	177	179	24	13.4
Females	100	100	100	100	101	102	108	109	107	108	107	104	9	8.3

BUTLER COUNTY

ALL INDUSTRIES	277	921	920	927	932	933	956	967	963	974	992	984	989	6.5
Males .....	.....	549	551	552	555	570	579	590	595	599	600	596	592	8.9
Females .....	.....	372	369	376	377	363	377	377	373	376	382	388	390	5.4
MANUFACTURES—														
Foundry and Machine Shop Products...	22	113	119	121	125	127	129	129	133	135	136	135	133	18.9
Males .....	.....	94	100	101	105	107	110	110	113	115	117	115	113	19.7
Females .....	.....	19	19	20	20	20	19	19	20	20	19	20	20	(a)
Paper and Wood Pulp	13	84	84	84	83	83	85	85	84	83	84	84	87	(a)
Males .....	.....	44	44	44	43	43	43	44	44	44	44	44	43	(a)
Females .....	.....	40	40	40	40	40	41	41	40	39	40	40	44	(a)
Printing and Publishing	11	55	51	52	52	52	51	51	51	52	52	51	51	(a)
Males .....	.....	28	24	24	23	24	23	24	24	25	23	23	23	(a)
Females .....	.....	20	27	28	29	28	27	27	27	27	28	28	28	(a)
TRADE—														
Retail and Wholesale Stores	51	71	71	71	71	73	73	71	71	73	74	74	75	(a)
Males .....	.....	12	12	12	12	12	13	13	13	13	13	13	13	(a)
Females .....	.....	59	59	59	59	61	60	58	58	60	61	61	62	(a)

CLARK COUNTY

ALL INDUSTRIES	820	1,153	1,141	1,195	1,179	1,166	1,125	1,133	1,191	1,331	1,221	1,373	1,352	13.1
Males .....	.....	536	539	553	554	555	552	568	575	585	591	597	604	68
Females .....	.....	617	602	643	625	611	573	567	616	746	730	776	748	26.9

a Not computed owing to small number represented.

TABLE V—Continued.
CLARK COUNTY—Concluded.

Industry and Sex.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks employed on the 15th of each month.										Variation from maximum.			
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
MANUFACTURES—															
Agricultural Implements	8	145	145	146	145	144	142	142	144	144	147	150	151	9	6.0
Males .....	.....	116	116	116	115	115	114	114	116	116	119	122	123	10	8.1
Females .....	.....	29	29	30	30	29	28	28	28	28	28	28	28	2	(0)
Automobiles, Including Bodies and Parts	3	60	61	60	60	60	60	60	60	60	66	66	69	23	(0)
Males .....	.....	48	49	48	48	47	47	47	47	47	53	53	53	22	(0)
Females .....	.....	12	12	12	12	13	13	13	14	14	13	13	14	1	(0)
Foundry and Machine Shop Products	28	148	149	149	151	153	152	157	159	159	161	161	164	16	9.8
Males .....	.....	99	100	99	99	101	102	106	106	106	108	109	111	12	10.8
Females .....	.....	49	49	50	52	52	50	51	53	53	53	52	53	4	(0)
Printing and Publishing	16	227	227	227	226	221	223	223	228	228	226	226	227	192	48.1
Males .....	.....	33	33	36	36	36	34	34	33	33	35	37	37	4	(0)
Females .....	.....	294	276	284	250	245	221	219	255	275	281	288	272	188	46.3
TRADE—															
Retail and Wholesale Stores	57	93	93	94	93	94	94	93	92	95	95	95	97	5	(0)
Males .....	.....	25	25	25	25	25	25	24	24	25	25	25	25	1	(0)
Females .....	.....	68	68	69	68	69	69	69	68	70	70	70	72	4	(0)
COLUMBIANA COUNTY															
ALL INDUSTRIES															
Males	255	431	444	458	465	471	478	481	482	475	483	486	483	62	12.6
Females .....	.....	262	264	271	266	269	267	268	267	268	265	268	265	53	17.4
Total .....	.....	179	189	181	180	182	181	183	186	187	187	188	188	9	4.8
MANUFACTURES—															
Foundry and Machine Shop Products	15	78	77	76	74	73	74	75	75	73	75	74	74	4	(0)
Males .....	.....	46	46	46	47	47	48	48	47	44	45	44	44	4	(0)
Females .....	.....	30	31	30	27	26	26	27	28	29	30	30	30	5	(0)
Pottery, Terra-Cotta and Fire Clay	36	100	102	102	104	104	108	104	105	104	104	104	108	5	4.8
Males .....	.....	45	45	45	45	44	44	44	44	44	44	44	44	1	(0)
Females .....	.....	55	57	57	59	60	60	60	61	60	60	60	64	6	(0)
Rubber Products	4	41	41	41	41	41	41	41	41	41	41	41	41	5	(0)
Males .....	.....	41	41	41	41	41	41	41	41	41	41	41	41	5	(0)
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	(0)

CUYAHOGA COUNTY

ALL INDUSTRIES	2,532	16,759	16,775	16,901	17,014	17,249	17,372	17,533	17,687	17,812	17,912	18,075	18,204	1,445	7.9
Males	9,985	10,012	10,012	10,093	10,137	10,280	10,386	10,550	10,584	10,717	10,787	10,908	10,985	981	8.0
Females	6,764	6,763	6,763	6,815	6,877	6,969	6,986	7,013	7,103	7,095	7,115	7,166	7,213	455	6.3
CONSTRUCTION—															
General Contracting	283	172	176	178	194	196	191	197	201	202	208	211	222	50	22.5
Males	109	113	115	115	130	132	126	132	136	136	148	148	156	47	30.1
Females	63	63	63	63	64	64	65	65	65	66	65	63	66	3	(0)
Sheet Metal Work and Roofing	56	41	44	47	44	45	46	46	47	47	48	51	51	10	(0)
Males	16	17	17	17	17	17	18	19	19	19	20	22	22	6	(0)
Females	25	26	26	27	27	28	28	28	28	28	28	29	27	4	(0)
MANUFACTURES—															
Automobiles, Including Bodies and Parts	39	782	795	809	833	849	875	902	909	909	892	889	919	137	14.9
Males	541	541	553	551	574	586	610	625	634	641	629	624	650	109	16.8
Females	241	241	243	248	259	263	265	276	275	283	265	255	289	35	12.7
Blair Furnace Products	3	46	47	48	48	50	50	49	50	50	52	55	65	19	(0)
Males	45	46	46	47	47	49	49	48	49	49	51	54	64	19	(0)
Females	1	1	1	1	1	1	1	1	1	1	1	1	1	.....	(0)
Bolts, Nuts, Washers and Rivets, not Made in Steel Works or Rolling Mills	10	179	179	183	181	181	176	182	182	186	186	188	187	12	6.4
Males	125	126	126	129	130	130	124	125	129	123	134	136	135	12	8.3
Females	51	51	51	50	51	51	52	53	53	53	52	52	52	3	(0)
Brass and Bronze Products	18	34	34	33	32	33	34	37	34	37	37	37	38	10	(0)
Males	17	17	17	17	17	17	18	18	17	19	19	19	19	9	(0)
Females	55	50	50	56	59	59	58	59	54	52	54	54	56	9	(0)
Bread and other Bakery Products	36	36	36	36	35	35	34	37	37	37	40	39	39	6	(0)
Males	54	54	54	57	54	54	55	56	57	57	54	55	57	6	(0)
Females	6	67	67	69	69	73	71	76	76	72	72	72	70	11	(0)
Males	38	35	35	35	33	39	38	39	38	35	40	39	38	7	(0)
Females	31	32	32	32	31	34	37	36	38	35	32	33	32	.....	(0)
Chemicals, Acids and Wood Distilla- tion	13	235	236	235	237	229	224	221	221	219	214	210	212	27	11.4
Males	151	151	151	150	151	149	149	149	149	148	148	148	148	3	2.0
Females	84	84	85	86	86	80	75	76	75	71	65	63	64	24	3.0
Clothing, Men's, Including Shirts	26	177	172	186	195	187	184	180	184	203	215	192	194	43	20.0
Males	56	56	56	51	51	52	52	52	52	53	58	58	58	11	(0)
Females	51	45	45	46	47	469	470	494	511	520	524	519	508	35	27.6
Clothing, Women's	51	244	244	244	240	240	240	240	240	240	240	240	240	70	13.4
Males	234	234	234	234	238	242	233	249	254	261	269	266	255	35	13.5
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39	14.5
Coffee, Spices and Peanuts, Roasting and Grinding	9	99	99	103	104	105	108	112	142	119	126	128	128	43	30.3
Males	52	52	52	53	53	53	53	54	57	53	61	61	61	9	(0)
Females	41	47	47	50	51	52	55	58	86	66	65	67	67	33	(0)

a Not computed owing to small number represented.

TABLE V—Continued.
CUYAHOGA COUNTY — Continued

Industry and Sex.	Number of estab-lish-ments report-ing.	Number of bookkeepers, stenographers and office clerks employed on the 15th of each month.											Variation from maximum.		
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
MANUFACTURES—Continued.															
Confectionery and Ice Cream.....	19	49	50	52	55	60	62	65	66	65	65	65	66	17	(a)
Males.....	15	15	15	17	20	23	24	26	26	25	25	25	25	11	(a)
Females.....	34	35	35	35	35	37	38	39	40	40	40	40	41	7	(a)
Copper, Tin and Sheet Iron Products.....	31	136	134	141	146	147	153	161	162	159	163	168	171	37	21.6
Males.....	92	94	94	100	100	103	111	111	113	117	125	127	130	38	23.2
Females.....	6	40	40	45	45	44	47	44	42	42	41	41	41	10	(a)
Cutlery and Tools.....	6	80	81	83	84	86	92	96	96	101	108	112	119	39	32.3
Males.....	62	63	64	65	65	69	72	76	76	76	82	87	92	30	(a)
Females.....	18	18	19	19	20	23	23	23	23	25	26	25	27	9	(a)
Electrical Machinery, Apparatus and Supplies.....	38	623	625	633	664	669	684	673	601	622	631	669	678	155	22.9
Males.....	314	315	316	334	334	338	341	336	346	368	364	393	398	84	21.1
Females.....	209	210	217	230	231	231	243	237	253	254	267	276	280	71	25.4
Flour Mill and Grist Mill Products.....	11	68	66	67	68	69	69	69	69	69	68	69	70	4	(a)
Males.....	44	43	43	44	44	45	45	46	46	46	45	45	46	3	(a)
Females.....	24	23	24	24	24	24	24	23	23	23	23	24	24	1	(a)
Forgings.....	18	273	279	278	225	236	234	307	320	322	324	307	341	116	34.0
Males.....	165	167	165	111	173	173	177	184	192	198	203	207	208	97	46.6
Females.....	112	112	113	113	113	113	117	123	123	124	131	130	133	25	13.8
Foundry and Machine Shop Products.....	201	1,759	1,767	1,783	1,762	1,778	1,797	1,832	1,798	1,838	1,870	1,903	1,924	165	8.6
Males.....	1,253	1,263	1,274	1,252	1,261	1,269	1,289	1,304	1,252	1,307	1,331	1,359	1,380	128	9.3
Females.....	508	504	509	510	517	508	508	528	546	531	539	544	544	41	7.5
Furniture and Refrigerators.....	28	90	91	92	95	98	102	106	106	106	104	103	105	16	15.1
Males.....	59	61	61	63	64	66	66	70	71	70	66	68	66	12	(a)
Females.....	31	30	31	32	32	32	36	36	35	36	38	35	39	9	(a)
Gas and Electric Fixtures and Lamps and Reflectors.....	19	620	613	614	599	597	590	589	573	579	582	589	599	47	7.6
Males.....	329	325	329	312	312	312	309	317	302	302	309	305	316	37	9.1
Females.....	293	288	285	287	284	284	281	272	271	270	273	284	283	23	7.3
Hosiery and Knit Goods.....	13	45	45	46	46	46	45	46	46	50	53	53	51	8	(a)
Males.....	10	9	9	9	9	9	9	9	9	9	9	9	9	1	(a)
Females.....	33	36	36	37	37	37	36	37	37	41	44	44	42	8	(a)
Ice, Manufactured.....	8	69	53	63	65	66	106	119	121	121	104	85	74	43	62.1
Males.....	30	30	24	32	32	32	36	36	35	36	22	30	27	10	(a)
Females.....	39	32	37	33	34	34	71	83	86	85	62	55	47	54	(a)
Liquors, Malt.....	12	114	114	113	113	113	113	113	114	113	113	112	111	6	4.8
Males.....	99	99	101	98	98	96	97	97	96	97	96	95	94	7	(a)
Females.....	15	15	15	15	15	16	16	16	16	16	17	17	17	2	(a)

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Lumber and Planing Mill Products...	31	139	137	131	126	119	121	123	122	120	119	119	119	119	20	14.4
Males .....	..	99	97	96	90	85	87	90	89	88	87	87	87	87	14	(e)
Females .....	..	40	40	38	36	34	34	33	33	32	32	32	32	32	8	(e)
Paint and Varnish...	31	661	674	659	629	676	670	665	676	677	675	674	674	674	48	7.1
Males .....	..	383	391	383	385	391	390	386	388	395	390	389	389	389	12	3.0
Females .....	..	268	283	276	244	285	280	290	288	282	283	285	285	276	44	15.3
Patent Medicines and Drug Compounds...	7	41	48	60	65	56	46	37	36	27	36	38	38	38	29	(e)
Males .....	..	10	10	10	10	10	10	10	10	10	10	9	9	9	1	(e)
Females .....	..	31	39	50	55	46	36	47	26	27	27	29	29	29	29	(e)
Petroleum Refining	3	46	46	46	46	46	48	47	43	48	51	49	49	49	5	(e)
Males .....	..	40	40	40	40	40	42	41	42	42	45	45	45	45	5	(e)
Females .....	..	6	6	6	6	6	6	6	6	6	6	6	6	6	6	(e)
Printing and Publishing...	111	609	610	600	604	604	601	590	596	603	621	621	625	625	35	6.6
Males .....	..	329	326	323	330	331	328	325	333	339	337	342	347	347	24	6.9
Females .....	..	280	284	277	274	273	279	265	263	264	273	279	278	278	21	7.4
Rubber Products	3	69	69	69	71	74	73	79	78	79	81	83	98	98	29	(e)
Males .....	..	39	39	39	39	39	43	45	45	45	46	46	46	46	16	(e)
Females .....	..	30	30	30	32	35	36	34	33	34	35	37	55	55	13	(e)
Slaughtering and Meat Packing...	13	142	133	131	138	132	133	136	135	139	141	146	152	152	16	(e)
Males .....	..	96	94	90	98	95	97	102	101	104	106	107	114	114	24	13.8
Females .....	..	46	39	41	40	37	36	34	34	35	35	38	38	38	21	(e)
Steel Works and Rolling Mills...	10	377	381	363	369	367	370	367	367	376	376	374	374	374	14	3.7
Males .....	..	351	354	342	342	340	344	340	339	346	346	344	344	344	15	4.2
Females .....	..	26	27	26	27	27	26	27	28	30	30	30	32	32	4	(e)
Stores and Furnaces...	20	159	159	152	156	156	154	154	154	155	160	167	178	178	26	14.6
Males .....	..	111	112	107	111	110	109	109	109	110	112	114	125	125	18	14.4
Females .....	..	48	47	45	45	46	45	45	45	45	48	53	53	53	8	(e)
Wire Work, including Wire Rope and Cable	13	52	56	63	63	60	61	58	57	55	58	61	65	65	13	(e)
Males .....	..	24	24	27	27	25	26	26	26	25	26	28	28	28	4	(e)
Females .....	..	28	32	36	36	35	35	32	31	30	32	33	37	37	9	(e)
SERVICE—																
Garages	33	73	74	76	77	81	83	89	87	89	93	93	100	100	27	27.0
Males .....	..	33	33	34	35	38	40	44	43	42	44	44	48	48	15	(e)
Females .....	..	40	41	42	42	43	43	45	44	47	49	49	52	52	12	(e)
Hotels	33	174	172	171	173	180	181	182	183	189	186	181	180	180	13	9.5
Males .....	..	96	96	94	96	97	99	101	101	102	101	101	101	101	9	8.7
Females .....	..	78	77	77	77	83	82	83	82	87	84	77	77	77	10	(e)
Laundries and Dry Cleaners...	40	157	156	157	161	161	162	162	163	161	160	160	167	167	7	4.3
Males .....	..	27	27	27	28	28	28	28	28	26	26	26	26	26	2	(e)
Females .....	..	130	133	130	133	133	134	136	137	135	134	134	131	131	8	5.8
Office Buildings	56	55	56	50	48	48	48	48	48	48	47	46	46	46	9	(e)
Males .....	..	26	26	22	22	22	22	22	23	22	22	21	21	21	6	(e)
Females .....	..	29	30	28	26	26	26	26	26	26	25	25	25	25	5	(e)
Professional	12	69	69	62	65	67	71	74	74	77	79	72	72	72	20	(e)
Males .....	..	36	36	39	41	43	47	50	49	52	54	47	46	46	18	(e)
Females .....	..	23	23	23	24	24	24	24	25	25	25	25	24	24	2	(e)

a Not computed owing to small number represented.

TABLE V—Continued.
CUYAHOGA COUNTY — Concluded

Industry and Sex.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
TRADE—															
Offices	79	1,744	1,746	1,751	1,767	1,757	1,784	1,815	1,829	1,816	1,807	1,822	1,819	85	4.6
Males .....	.....	1,194	1,119	1,124	1,135	1,130	1,133	1,157	1,167	1,170	1,161	1,166	1,165	76	6.4
Females .....	.....	550	627	637	632	627	651	658	662	648	646	656	654	52	7.9
Retail and Wholesale Stores	403	2,870	2,761	2,807	2,885	2,857	2,843	2,885	2,886	2,846	2,822	2,849	2,873	261	8.1
Males .....	.....	1,193	1,153	1,194	1,223	1,224	1,239	1,258	1,273	1,273	1,261	1,294	1,313	151	9.6
Females .....	.....	1,677	1,608	1,613	1,662	1,633	1,604	1,628	1,613	1,573	1,561	1,555	1,560	122	7.1
Yrds., Coal and Lumber	90	1,845	1,825	1,852	1,863	1,863	1,873	1,873	1,867	1,863	1,841	1,858	1,863	122	7.1
Males .....	.....	245	224	223	228	241	243	249	253	254	260	263	262	45	11.5
Females .....	.....	112	116	119	120	122	126	124	127	123	130	130	128	13	13.8
TRANSPORTATION AND PUBLIC UTILITIES															
Cars (Drayage) and Storage, In-cluding Livery Stables	53	105	104	105	105	104	104	105	103	102	103	103	101	4	3.8
Males .....	.....	70	70	71	70	69	68	68	69	66	68	67	66	3	(a)
Females .....	.....	35	34	34	35	35	36	37	34	36	35	36	35	1	(a)
Electric Light and Power	4	270	261	262	269	264	276	273	271	267	264	268	269	37	12.4
Males .....	.....	230	218	221	227	224	241	242	232	224	222	227	228	36	14.2
Females .....	.....	40	43	41	42	40	35	31	39	43	42	41	41	1	(a)
Electric Railroads	5	245	253	245	252	257	268	270	271	267	265	268	260	11	4.5
Males .....	.....	162	163	161	163	162	177	183	182	181	180	176	175	22	12.0
Females .....	.....	83	90	84	89	89	87	87	89	86	85	92	84	8	(a)
Telegraph and Telephone	7	316	313	325	330	333	341	344	363	361	373	372	373	60	18.1
Males .....	.....	170	169	187	180	193	180	193	204	201	212	203	207	43	20.3
Females .....	.....	146	144	138	150	140	161	151	159	160	161	169	166	25	14.8
Transportation by Water, In-cluding Stevedoring	11	71	70	70	80	85	111	111	113	113	106	106	88	43	88.1
Males .....	.....	66	65	65	84	90	104	104	106	106	100	100	83	41	28.7
Females .....	.....	5	5	5	6	6	7	7	7	7	6	6	5	2	(a)
FRANKLIN COUNTY															
ALL INDUSTRIES	1,109	8,907	8,910	8,948	8,970	8,984	9,040	9,027	9,090	9,108	9,139	9,178	9,199	292	7.0
Males .....	.....	2,741	2,739	2,765	2,816	2,804	2,812	2,835	2,876	2,876	2,918	2,936	2,933	197	6.4
Females .....	.....	1,766	1,771	1,783	1,788	1,788	1,798	1,784	1,784	1,833	1,821	1,837	1,867	101	6.4

MANUFACTURES—									
Automobiles, Including Bodies and Parts									
Males	10	73	74	73	77	85	77	84	81
Females	.....	42	41	41	43	45	43	44	42
.....	.....	31	33	32	34	40	33	40	39
Boots and Shoes, Including Cut Stock and Findings	10	86	84	84	85	84	85	84	84
Males	.....	39	38	37	39	38	39	38	35
Females	.....	47	46	47	46	46	46	48	49
Carriages, Wagons and Materials	9	31	44	56	48	40	38	38	32
Males	.....	15	18	18	18	18	17	16	15
Females	.....	16	26	37	27	22	21	20	17
Foundry and Machine Shop Products	40	446	456	465	471	491	500	527	544
Males	.....	330	338	337	345	395	370	396	409
Females	.....	116	118	118	126	126	130	131	135
Liquors, Malt	6	61	61	61	61	62	63	62	62
Males	.....	45	45	45	45	45	45	45	45
Females	.....	6	6	6	6	7	8	7	7
Printing and Publishing	45	271	275	276	283	289	283	289	291
Males	.....	161	164	162	168	174	172	177	177
Females	.....	110	111	114	115	115	111	112	114
SERVICE—									
Hotels									
Males	15	78	78	78	85	85	85	85	85
Females	.....	52	52	52	56	56	56	56	56
Laundries and Dry Cleaners	21	60	57	61	29	29	29	29	29
Males	.....	5	4	4	4	4	4	4	4
Females	.....	55	53	57	58	60	57	56	59
TRADE—									
Offices									
Males	32	362	358	366	357	358	332	334	333
Females	.....	201	197	199	201	196	177	176	175
Retail and Wholesale Stores	269	951	976	943	943	961	945	950	942
Males	.....	418	411	412	413	418	414	426	411
Females	.....	533	525	531	530	533	531	524	531
TRANSPORTATION AND PUBLIC UTILITIES—									
Electric Railroads									
Males	5	172	170	175	173	172	177	178	183
Females	.....	94	93	98	101	101	104	105	105
Telegraph and Telephone	4	238	240	235	245	249	250	246	236
Males	.....	96	92	94	107	110	107	105	103
Females	.....	142	148	141	138	139	143	141	155

a Not computed owing to small number represented.

TABLE V—Continued.

HAMILTON COUNTY

Industry and Sex.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks employed on the 1st of each month.												Variation from maximum.	Num-ber.	Per cent.
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.			
ALL INDUSTRIES	3,055	12,905	12,939	13,053	13,062	13,086	13,143	13,132	13,202	13,337	13,417	13,559	13,785	880	6.4	
Males.....	.....	7,227	7,253	7,308	7,333	7,361	7,394	7,427	7,491	7,561	7,552	7,610	7,704	477	6.2	
Females.....	.....	5,678	5,686	5,745	5,729	5,725	5,749	5,705	5,711	5,776	5,865	5,949	6,081	403	6.6	
CONSTRUCTION—																
General Contracting.....	114	66	66	67	71	70	74	72	74	76	79	81	85	19	(a)	
Males.....	.....	41	41	42	45	44	47	46	48	49	52	54	59	18	(a)	
Females.....	.....	25	25	25	26	26	27	26	26	27	27	27	26	2	(a)	
MANUFACTURES—																
Automobiles, Including Bodies and Parts.....	9	67	69	75	89	90	93	102	105	107	107	105	108	41	38.0	
Males.....	.....	40	42	46	58	60	62	68	71	75	75	73	76	36	(a)	
Females.....	.....	27	27	29	31	30	31	34	34	32	32	32	32	7	(a)	
Baking Powder and Yeast.....	8	200	198	202	206	205	204	205	210	204	203	204	208	12	5.7	
Males.....	.....	140	137	139	138	140	140	140	142	138	138	139	141	5	3.5	
Females.....	.....	60	61	63	68	65	64	65	68	66	65	65	67	8	(a)	
Boots and Shoes, Including Cut Stock and Findings.....	30	342	342	339	338	338	339	338	331	340	348	348	353	22	6.2	
Males.....	.....	94	94	93	94	94	94	93	93	93	96	96	98	6	(a)	
Females.....	.....	248	248	246	244	244	245	245	238	247	252	250	254	16	6.3	
Bread and other Bakery Products.....	68	80	80	84	79	80	82	81	79	78	79	79	79	6	(a)	
Males.....	.....	28	28	30	25	25	25	25	25	25	25	26	26	7	(a)	
Females.....	.....	52	52	54	54	55	57	56	54	53	54	53	53	4	(a)	
Carriages, Wagons and Materials.....	47	106	106	107	108	108	105	102	105	105	105	107	109	7	6.4	
Males.....	.....	66	66	65	65	66	64	64	66	66	66	66	66	2	(a)	
Females.....	.....	39	40	42	43	42	41	38	39	39	39	41	43	5	(a)	
Clothing, Men's, Including Shirts.....	83	443	454	455	452	451	452	453	469	458	461	465	464	26	5.5	
Males.....	.....	241	256	251	248	247	248	247	257	248	250	254	256	16	6.2	
Females.....	.....	202	204	204	204	204	204	206	212	210	211	212	208	10	4.7	
Clothing, Women's.....	23	67	70	70	68	68	68	68	70	72	72	73	70	6	(a)	
Males.....	.....	25	26	26	26	26	26	26	25	26	26	26	26	1	(a)	
Females.....	.....	42	44	44	42	42	42	42	45	46	46	47	44	5	(a)	
Confectionery and Ice Cream.....	24	69	70	70	70	69	69	69	69	71	71	71	72	3	(a)	
Males.....	.....	35	35	35	35	35	35	35	35	37	37	37	38	3	(a)	
Females.....	.....	34	35	35	35	34	34	34	34	34	34	34	34	2	(a)	
Copper, Tin and Sheet Iron Products.....	30	179	179	178	176	179	180	180	179	179	176	186	181	10	5.4	
Males.....	.....	91	92	91	90	91	93	93	92	92	91	91	91	8	(a)	
Females.....	.....	88	87	87	86	88	87	87	87	87	85	95	90	10	(a)	

Electrical Machinery, Apparatus and Supplies									
Males	19	329	326	324	323	322	337	334	344
Females	.....	238	237	234	240	244	250	246	254
Males	.....	91	89	88	88	88	87	89	90
Females	.....	42	44	47	49	45	48	53	54
Males	.....	28	28	31	31	30	30	35	37
Females	.....	14	16	16	18	15	18	18	18
Males	.....	1,162	1,198	1,235	1,233	1,240	1,251	1,274	1,285
Females	.....	84	874	902	911	923	927	943	951
Males	.....	314	318	323	322	318	324	327	334
Females	.....	31	315	323	322	318	324	327	334
Males	.....	89	137	136	134	134	132	135	138
Females	.....	68	70	69	68	69	68	69	68
Males	.....	67	66	67	66	65	64	66	67
Females	.....	34	34	33	34	33	32	31	31
Males	.....	28	26	25	27	25	25	21	20
Females	.....	8	8	8	19	25	25	21	20
Males	.....	19	126	127	127	126	127	127	127
Females	.....	128	127	127	127	126	127	127	127
Males	.....	120	118	119	119	118	119	119	119
Females	.....	8	8	8	8	8	7	8	8
Males	.....	151	162	167	164	164	161	166	166
Females	.....	89	92	92	94	96	95	96	96
Males	.....	62	62	66	70	68	66	66	70
Females	.....	89	93	93	94	91	91	91	90
Males	.....	46	46	49	49	49	49	49	48
Females	.....	44	44	44	45	42	42	42	42
Males	.....	93	101	98	97	96	99	97	111
Females	.....	14	15	15	15	15	16	14	14
Males	.....	14	14	15	15	15	16	14	14
Females	.....	79	86	83	82	81	83	83	83
Males	.....	960	976	971	974	968	941	959	959
Females	.....	546	549	538	540	540	531	528	537
Males	.....	494	493	493	494	493	493	493	493
Females	.....	61	60	47	47	42	41	42	42
Males	.....	20	20	20	20	20	21	21	24
Females	.....	31	31	27	27	24	22	22	22
Males	.....	60	63	63	63	63	67	68	60
Females	.....	27	27	26	26	26	26	26	26
Males	.....	33	33	33	32	32	31	32	33
Females	.....	74	76	76	78	76	77	79	80
Males	.....	42	43	44	45	43	44	45	46
Females	.....	32	32	32	33	33	33	34	35
Males	.....	527	539	541	540	543	543	545	561
Females	.....	242	243	241	243	246	245	247	250
Males	.....	235	236	239	237	238	238	238	239
Females	.....	116	116	117	116	119	121	119	120
Males	.....	71	72	71	72	72	74	74	75
Females	.....	46	46	46	45	45	45	45	46
Males	.....	54	55	57	56	55	55	55	54
Females	.....	36	36	38	38	37	37	37	36
Males	.....	18	19	19	18	18	18	18	19
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....

• Not computed owing to small number represented.

TABLE V—Continued.

HAMILTON COUNTY — Concluded

Industry and Sex.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.		
SERVICE—															
Garages—	23	62	63	64	64	64	66	66	66	69	68	68	69	7	(a)
Males.....	23	23	26	26	26	26	26	26	26	28	28	28	28	3	(a)
Females.....	.....	.....	38	38	38	38	40	40	40	41	40	40	41	6	3.8
Hotels.....	41	157	157	157	156	155	155	156	156	152	151	152	156	3	(a)
Males.....	100	100	100	98	98	98	99	99	98	98	97	98	98	3	3.0
Females.....	57	57	57	57	57	57	57	57	57	54	54	54	58	4	(a)
Laundries and Dry Cleaners.....	39	142	144	146	149	154	152	154	153	151	157	169	151	17	10.7
Males.....	30	30	30	30	31	31	30	31	31	29	31	31	31	2	(a)
Females.....	112	114	116	118	123	123	122	123	122	122	128	128	120	16	12.5
TRADE—															
Offices.....	69	1,108	1,107	1,121	1,124	1,129	1,124	1,122	1,130	1,164	1,170	1,187	1,188	81	6.8
Males.....	64	624	623	632	632	639	637	638	642	659	658	666	663	43	6.5
Females.....	.....	484	484	489	492	490	487	484	498	506	512	521	525	38	7.8
Retail and Wholesale Stores.....	647	3,109	3,108	3,089	3,086	3,087	3,114	3,082	3,100	3,162	3,190	3,251	3,397	315	9.3
Males.....	1,544	1,544	1,540	1,543	1,543	1,549	1,552	1,546	1,563	1,598	1,586	1,609	1,667	124	7.5
Females.....	1,565	1,565	1,549	1,543	1,538	1,537	1,562	1,536	1,537	1,573	1,604	1,642	1,740	203	11.7
Yards, Coal and Lumber.....	88	244	240	246	250	247	248	244	264	265	265	261	256	25	9.4
Males.....	149	148	150	154	154	153	153	157	166	167	166	163	162	19	11.4
Females.....	39	92	96	96	96	93	95	87	98	98	99	98	94	12	(a)
TRANSPORTATION AND PUBLIC UTILITIES—															
Carriage (Drayage) and Storage, including Livery Stables.....	66	77	77	76	76	77	76	80	77	77	78	76	76	5	(a)
Males.....	16	16	16	15	15	16	17	19	17	18	19	19	20	5	5.6
Females.....	3	143	143	141	140	139	135	137	143	140	141	145	146	11	7.5
Electric Light and Power.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males.....	116	116	115	114	115	115	112	112	116	115	113	117	118	6	5.1
Females.....	25	25	25	27	24	24	25	25	28	25	28	28	28	5	(a)
Electric Railroads.....	7	186	186	186	186	187	188	188	188	187	187	187	184	4	2.1
Males.....	160	160	160	160	160	160	161	161	161	160	160	160	157	4	2.5
Females.....	23	26	26	26	26	27	27	27	27	27	27	27	27	1	(a)
Telegraph and Telephone.....	6	216	224	224	223	223	225	226	227	222	223	222	223	11	4.8
Males.....	134	140	140	140	140	139	139	142	143	138	139	138	133	9	6.3
Females.....	82	84	84	83	83	86	86	84	84	84	84	84	84	4	(a)

JEFFERSON COUNTY

ALL INDUSTRIES	130	464	463	466	471	476	476	472	473	474	474	477	25	5.2
Males .....	.....	363	360	370	375	376	376	377	378	378	378	378	18	4.8
Females .....	.....	92	93	96	96	100	100	99	95	96	96	99	8	(a)
TRADE—														
Retail and Wholesale Stores.....	27	83	83	61	61	62	62	58	60	62	62	64	6	(a)
Males .....	.....	27	27	27	27	27	27	27	27	27	27	27	.....	.....
Females .....	.....	31	31	34	34	35	35	31	33	35	35	37	6	(a)

LICKING COUNTY

ALL INDUSTRIES	151	255	254	255	259	261	261	259	265	270	273	274	21	7.7
Males .....	.....	108	108	107	107	111	114	116	119	124	123	123	17	13.7
Females .....	.....	147	146	148	148	147	147	144	146	146	150	151	8	5.3

LOBAIN COUNTY

ALL INDUSTRIES	236	530	527	532	541	543	547	555	562	550	552	565	35	6.2
Males .....	.....	312	310	313	315	315	316	322	331	319	321	324	21	6.3
Females .....	.....	218	217	219	223	226	231	233	231	231	221	231	16	6.9
MANUFACTURES—														
Foundry and Machine Shop Products...	14	97	97	98	100	102	102	103	102	103	104	104	7	6.7
Males .....	.....	69	69	69	69	71	71	72	71	72	73	72	4	(a)
Females .....	.....	28	28	29	31	31	31	31	31	31	31	32	4	(a)

LUCAS COUNTY

ALL INDUSTRIES	1,061	4,722	4,761	4,813	4,844	4,882	4,966	4,990	5,065	5,140	5,234	5,369	647	12.2
Males .....	.....	2,632	2,654	2,680	2,725	2,761	2,807	2,846	2,899	2,945	2,972	3,017	386	12.8
Females .....	.....	2,090	2,097	2,133	2,119	2,121	2,159	2,145	2,166	2,195	2,262	2,352	262	11.1
CONSTRUCTION—														
General Contracting	78	72	74	76	79	79	82	81	81	83	84	84	12	(a)
Males .....	.....	84	85	87	88	88	92	90	89	91	92	92	8	(a)
Females .....	.....	38	39	41	41	41	40	41	42	42	42	42	4	(a)

a Not computed owing to small number represented.

TABLE V—Continued.
LUCAS COUNTY—Concluded.

Industry and Sex.	Number of estab-lish-ments report-ing.	Number of bookkeepers, stenographers and office clerks employed on the 15th of each month.												Variation from maximum.		
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.	
MANUFACTURES—																
Automobiles, Including Bodies and Parts	8	655	661	704	716	723	752	801	831	863	880	902	923	288	29.0	
Males	.....	486	485	504	516	524	541	584	600	639	666	684	698	213	30.5
Females	.....	169	176	200	200	199	211	217	231	224	214	218	225	62	26.8
Carrriages, Wagons and Materials	11	43	49	50	50	50	50	49	51	51	53	53	56	13	(a)	
Males	.....	40	46	46	46	46	46	45	47	47	48	48	49	10	(a)
Females	.....	13	15	15	15	14	14	14	14	14	15	15	16	3	(a)
Coffee, Spices and Peanuts, Roasting and Grinding	6	84	83	83	85	84	85	85	85	85	85	85	85	2	(a)	
Males	.....	45	45	45	45	45	45	45	45	45	45	45	45	.....	.....
Females	.....	39	38	38	40	39	40	40	40	40	40	40	40	2	(a)
Copper, Tin and Sheet Iron Products	12	27	28	28	28	28	28	28	28	28	28	28	28	4	(a)	
Males	.....	24	24	24	24	24	24	24	24	24	24	24	24	1	(a)
Females	.....	23	24	24	25	24	24	24	24	24	24	24	24	3	(a)
Electrical Machinery, Apparatus and Supplies	7	98	90	95	95	96	97	102	104	103	105	105	111	25	22.5	
Males	.....	47	49	53	53	52	54	57	56	54	57	57	61	14	(a)
Females	.....	51	41	42	42	44	43	45	48	49	48	48	50	11	(a)
Foundry and Machine Shop Products	51	246	249	252	252	256	264	274	278	282	281	280	289	53	12.3	
Males	.....	232	233	236	236	241	247	256	259	262	261	265	262	30	13.2
Females	.....	14	16	16	16	15	17	18	19	20	20	15	27	14	(a)
Glass	6	84	86	86	86	86	87	88	88	89	86	86	85	6	(a)	
Males	.....	53	55	56	55	56	55	56	56	56	55	55	54	6	(a)
Females	.....	31	31	31	31	32	32	32	32	33	31	31	31	2	(a)
Lumber and Planing Mill Products	22	50	50	51	51	51	50	54	55	55	50	54	55	6	(a)	
Males	.....	31	31	31	31	31	32	35	37	36	35	35	35	6	(a)
Females	.....	19	19	20	20	20	18	19	18	19	15	19	20	2	(a)
Printing and Publishing	40	232	236	231	234	238	249	278	274	257	251	238	207	25	8.1	
Males	.....	174	177	180	178	176	176	176	173	162	162	165	191	17	8.1
Females	.....	108	109	111	108	108	108	102	96	106	109	113	116	20	17.2
SERVICE—																
Hotels	14	56	55	60	53	53	53	62	62	62	64	64	64	9	(a)	
Males	.....	26	23	28	27	27	26	28	28	28	28	28	28	6	(a)
Females	.....	21	22	22	21	21	23	23	23	23	26	26	26	6	(a)

	30	323	324	320	321	319	335	322	328	309	312	317	319	27	8.3
TRADE—															
Offices	30	323	324	320	321	319	335	322	328	309	312	317	319	27	8.3
Males .....	.....	170	172	164	166	166	171	146	144	149	150	150	151	28	16.3
Females .....	.....	163	162	156	156	153	154	164	154	160	162	167	168	16	19.5
Retail and Wholesale Stores	201	1,106	1,097	1,038	1,090	1,082	1,078	1,100	1,076	1,116	1,127	1,162	1,221	146	12.0
Males .....	.....	413	410	413	407	408	413	420	426	426	427	426	430	28	6.0
Females .....	.....	693	686	625	686	675	670	687	655	691	699	726	791	136	17.3
Yards, Coal and Lumber	39	64	64	63	64	67	67	66	68	69	69	69	66	6	(a)
Males .....	.....	53	53	52	53	56	56	55	56	56	57	57	53	6	(a)
Females .....	.....	11	11	11	11	12	11	11	12	13	12	12	12	2	(a)
TRANSPORTATION AND PUBLIC UTILITIES—															
Telegraph and Telephone	10	79	75	80	70	79	70	77	81	78	79	79	83	13	(a)
Males .....	.....	35	36	34	29	37	33	31	33	36	35	35	40	11	(a)
Females .....	.....	44	39	46	41	42	37	46	48	42	44	44	43	11	(a)

MAHONING COUNTY

ALL INDUSTRIES	490	2,881	2,985	3,005	2,991	3,046	3,119	3,191	3,239	3,177	3,242	3,296	3,275	494	14.6
Males	2,071	2,166	2,184	2,184	2,155	2,155	2,265	2,317	2,369	2,340	2,389	2,427	2,467	386	15.7
Females	810	819	821	821	836	893	884	874	870	837	853	869	918	108	(a)
MANUFACTURES—															
Blast Furnace Products.	7	49	51	49	51	53	53	56	56	55	54	55	56	7	(a)
Males	45	47	45	45	47	49	49	51	51	51	50	50	50	2	(a)
Females	4	4	4	4	4	4	4	5	5	4	4	5	6	6	(a)
Foundry and Machine Shop Products.	16	271	276	276	285	285	307	310	317	317	319	327	332	66	19.6
Males	191	186	184	184	202	212	222	222	230	230	235	241	247	61	(a)
Females	80	81	81	81	83	83	85	86	87	85	84	86	85	7	(a)
Pottery, Terra-Cotta and Fire Clay Products.	6	56	57	60	60	62	62	63	63	64	65	65	65	9	(a)
Males	18	19	19	19	19	21	21	21	21	22	22	23	23	5	(a)
Females	38	38	41	41	41	41	41	42	42	42	42	42	42	4	(a)
Printing and Publishing.	9	93	91	93	92	93	92	93	93	99	101	103	106	15	14.2
Males	65	63	65	64	64	64	64	65	66	69	71	73	74	11	(a)
Females	28	28	28	28	28	29	28	28	27	30	30	30	32	5	(a)
Steel Works and Rolling Mills.	14	1,296	1,361	1,366	1,317	1,338	1,353	1,387	1,428	1,405	1,432	1,457	1,475	189	12.8
Males	1,166	1,240	1,286	1,240	1,191	1,209	1,232	1,254	1,292	1,272	1,301	1,326	1,339	173	12.9
Females	120	125	125	126	126	129	131	133	136	133	131	131	136	16	11.8
TRADE—															
Retail and Wholesale Stores.	70	293	302	292	283	301	303	305	307	287	297	309	346	59	17.1
Males	71	73	72	71	71	71	74	73	72	70	71	70	74	4	(a)
Females	221	229	229	220	232	230	229	232	235	216	226	239	272	56	(a)

a Not computed owing to small number represented.

TABLE V—Continued.
MAHONING COUNTY—Concluded.

Industry and Sex.	Number of estab-lish-ments report-ing.	Number of bookkeepers, stenographers and office clerks employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	Aprtl.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.
TRANSPORTATION AND PUBLIC UTILITIES—															
Electric Railroads	4	140	142	145	146	140	147	155	161	146	144	147	150	21	13.0
Males		96	101	100	101	97	100	105	113	104	103	106	108	18	15.9
Females		46	41	45	45	43	47	50	48	42	41	41	42	9	(a)

MONTGOMERY COUNTY

ALL INDUSTRIES—		2,794	2,770	2,745	2,762	2,787	2,835	2,832	2,835	2,929	2,993	3,022	3,033	299	9.9
Males		1,649	1,632	1,637	1,634	1,661	1,686	1,724	1,769	1,790	1,819	1,833	1,837	245	11.2
Females		1,086	1,138	1,108	1,128	1,126	1,149	1,108	1,116	1,139	1,166	1,189	1,196	111	9.3
CONSTRUCTION—															
Plumbing and Steam Fitting	22	83	84	82	82	83	82	83	92	92	92	93	93	11	(a)
Males		72	70	69	69	70	70	72	81	81	81	82	81	13	(a)
Females		11	14	13	13	13	12	11	11	11	11	11	12	3	(a)
Street, Road and Sewer Contracting	19	6	6	6	6	6	3	3	43	55	51	41	54	52	(a)
Males		3	3	5	4	4	2	2	38	50	46	44	51	4	(a)
Females		2	2	2	2	2	1	1	6	6	6	3	3	4	(a)
MANUFACTURES—															
Automobiles, Including Bodies and Parts	6	80	84	77	82	82	82	82	81	73	75	76	76	9	(a)
Males		51	53	49	49	46	45	43	46	45	48	48	49	8	(a)
Females		29	31	28	33	34	27	34	35	28	27	28	29	10	(a)
Cash Registers and Calculating Ma-chines	6	495	518	511	493	493	494	493	490	479	498	500	494	39	7.5
Males		317	306	311	302	303	303	292	296	295	294	298	291	36	11.4
Females		178	212	200	191	192	191	191	194	194	204	212	213	36	16.4
Electrical Machinery, Apparatus and Supplies	3	144	149	149	144	153	156	165	170	169	174	174	176	32	18.2
Males		137	141	142	138	147	150	160	166	167	169	169	171	34	19.9
Females		7	8	7	6	6	6	5	4	2	5	5	5	2	(a)
Foundry and Machine Shop Products	55	199	192	191	198	196	199	198	206	211	210	213	214	22	10.7
Males		137	128	126	125	124	128	129	130	134	133	135	137	22	8.8
Females		62	64	65	68	69	70	69	76	77	77	78	77	16	(a)

Munitions	4	.....	.....	.....	.....	5	28	37	45	52	59	65	69	69	(a)
Males .....	.....	.....	.....	.....	.....	2	24	5	41	44	50	55	61	61	(a)
Females .....	.....	.....	.....	.....	.....	3	4	5	4	4	9	9	8	8	(a)
Paint and Varnish	8	.....	.....	.....	.....	58	56	58	56	56	56	58	58	58	(a)
Males .....	.....	.....	.....	.....	.....	30	29	30	29	29	29	29	29	29	(a)
Females .....	.....	.....	.....	.....	.....	28	27	27	27	27	27	27	27	27	(a)
Printing and Publishing	26	.....	.....	.....	.....	193	196	199	191	192	193	194	194	194	(a)
Males .....	.....	.....	.....	.....	.....	113	116	120	115	114	115	116	116	116	(a)
Females .....	.....	.....	.....	.....	.....	80	80	79	76	78	77	78	79	79	(a)
TRADE—	17	.....	.....	.....	.....	136	132	133	133	131	127	127	127	127	19.3
Offices .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(a)
Males .....	.....	.....	.....	.....	.....	69	67	67	67	67	64	65	65	65	(a)
Females .....	.....	.....	.....	.....	.....	67	66	66	66	64	62	62	62	62	(a)
Retail and Wholesale Stores	131	.....	.....	.....	.....	400	414	395	374	407	427	442	448	448	18.1
Males .....	.....	.....	.....	.....	.....	122	133	140	133	137	141	140	142	142	14.1
Females .....	.....	.....	.....	.....	.....	278	268	246	241	270	286	302	304	304	20.7
TRANSPORTATION AND PUBLIC UTILITIES—	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(a)
Telegraph and Telephone .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(a)
Males .....	.....	.....	.....	.....	.....	52	53	53	57	55	53	53	53	53	(a)
Females .....	.....	.....	.....	.....	.....	31	34	31	22	24	23	23	23	23	(a)

MUSKINGUM COUNTY

ALL INDUSTRIES	251	421	422	428	431	437	442	448	484	448	437	485	433	22	5.9
Males .....	.....	224	228	230	233	236	240	229	230	229	233	232	229	16	6.7
Females .....	.....	137	196	196	198	201	202	204	204	204	204	203	203	10	4.9
MANUFACTURES—	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(a)
Pottery, Terra-Cotta and Fire Clay Products .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(a)
Males .....	.....	92	93	94	94	93	93	93	93	93	97	97	96	11	(a)
Females .....	.....	37	37	37	37	37	37	37	37	37	37	37	37	11	(a)
TRADE—	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(a)
Retail and Wholesale Stores .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(a)
Males .....	.....	118	118	118	119	119	119	119	119	120	120	120	120	2	1.7
Females .....	.....	71	71	71	72	72	72	72	72	73	73	73	73	1	(a)

STARK COUNTY

ALL INDUSTRIES	553	2,011	2,042	2,074	2,082	2,093	2,125	2,158	2,188	2,222	2,238	2,264	2,269	258	11.4
Males .....	.....	1,153	1,169	1,180	1,183	1,185	1,205	1,221	1,249	1,285	1,272	1,296	1,300	148	11.4
Females .....	.....	889	873	894	899	908	920	935	939	937	966	968	969	110	11.4

* Not computed owing to small number represented.

TABLE V—Concluded.
STARK COUNTY—Concluded.

Industry and Sex.	Number of establishments reporting.	Number of bookkeepers, stenographers and office clerks employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.
MANUFACTURES—															
Copper, Tin and Sheet Iron Products...	12	261	261	277	278	279	281	281	282	283	283	284	284	23	8.1
Males .....	.....	152	151	158	152	152	152	152	152	153	153	154	154	3	1.9
Females .....	.....	109	110	119	126	127	129	129	130	130	130	130	130	21	16.2
Foundry and Machine Shop Products...	44	249	406	413	413	416	430	444	465	474	481	490	496	94	19.0
Males .....	.....	249	301	306	308	307	316	326	345	353	363	363	365	66	18.1
Females .....	.....	102	104	108	110	109	114	118	120	121	122	127	130	28	21.5
Printing and Publishing...	13	90	94	92	92	91	93	94	93	92	91	92	94	4	(a)
Males .....	.....	55	58	58	58	58	57	56	56	54	53	54	56	6	(a)
Females .....	.....	35	36	34	34	33	36	38	37	38	38	39	39	6	(a)
Rubber Products	7	57	57	57	57	57	57	60	60	62	62	62	63	6	(a)
Males .....	.....	38	38	38	37	37	37	40	40	41	41	41	42	5	(a)
Females .....	.....	19	19	19	20	20	20	20	20	21	21	21	21	2	(a)
Steel Works and Rolling Mills...	4	128	129	127	128	133	141	144	151	161	160	169	172	46	26.7
Males .....	.....	107	110	108	109	113	121	122	128	133	130	139	141	34	24.1
Females .....	.....	19	19	19	19	20	20	21	23	28	30	30	31	12	(a)
TRADE—															
Retail and Wholesale Stores...	104	194	194	192	195	200	200	201	199	201	198	201	204	12	5.9
Males .....	.....	63	63	63	65	64	66	66	65	66	64	66	67	4	(a)
Females .....	.....	131	131	129	130	136	134	135	134	135	134	135	137	8	5.8
SUMMIT COUNTY															
ALL INDUSTRIES															
Males	491	4,376	4,493	4,514	4,650	4,720	4,924	5,048	5,084	5,083	5,122	5,080	5,239	983	16.5
Females .....	.....	2,889	2,888	2,953	3,093	3,073	3,234	3,308	3,249	3,302	3,317	3,300	3,406	518	15.2
Total .....	.....	1,467	1,515	1,556	1,612	1,647	1,680	1,740	1,735	1,766	1,805	1,780	1,833	346	18.9
MANUFACTURES—															
Foundry and Machine Shop Products...	30	197	200	200	200	205	217	233	236	234	232	234	258	71	26.5
Males .....	.....	146	147	147	147	152	151	175	180	180	179	176	207	61	29.5
Females .....	.....	51	53	53	53	54	56	58	56	54	53	58	51	10	(a)
Pottery, Terra-Cotta and Fire Clay Products	18	63	63	63	63	63	63	63	63	63	63	64	65	2	(a)
Males .....	.....	44	44	44	44	44	44	44	44	44	44	44	45	1	(a)
Females .....	.....	19	19	19	19	19	19	19	19	19	19	20	20	1	(a)

TABLE VI—FLUCTUATION IN NUMBER OF SALESPeOPLE (NOT TRAVELING) BY INDUSTRIES.

(The first section of this table presents data for the State and the second section for each of the 20 counties having a population of 50,000 or over in 1910. For the State every industry is shown for which three or more establishments reported and 100 or more salespeople (not traveling) are represented, and for each of the counties indicated every industry is shown for which three or more establishments reported and 50 or more salespeople (not traveling) are represented. The manufacturing industries are grouped alphabetically under sub-groups for the State, and alphabetically under the general group "Manufactures," and without sub-groups, for each of the 20 counties.)

THE STATE.

Industry and Sex.	Number of estab-lish-ments report-ing.	Number of salespeople (not traveling) employed on the 15th of each month.												Variation from maximum.	
														Num-ber.	Per-cent.
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.		
ALL INDUSTRIES	17,981	31,185	30,445	31,409	31,924	32,251	31,681	31,000	30,090	31,822	32,853	33,511	37,591	7,146	19.0
Males	.....	16,351	16,108	16,201	16,458	16,578	16,613	16,524	16,380	16,632	17,043	17,043	17,680	1,532	8.9
Females	.....	14,931	14,337	15,208	15,466	15,723	15,048	14,466	14,010	15,200	16,062	16,568	19,901	5,800	29.1
AGRICULTURE	270	52	57	60	78	74	61	51	52	49	48	49	52	80	(a)
Males	.....	38	42	44	54	52	43	36	38	35	33	35	37	21	(a)
Females	.....	14	15	16	24	21	18	15	14	14	15	14	16	10	(a)
CONSTRUCTION	3,219	240	231	231	237	239	240	238	227	242	241	243	244	13	5.3
Males	.....	235	225	226	231	233	234	234	233	236	235	237	238	13	5.5
Females	.....	5	6	5	6	6	6	4	4	6	6	6	6	2	(a)
FISHERIES	25	1	1	1	1	1	1	1	1	1	1	1	1	.....	.....
Males	.....	1	1	1	1	1	1	1	1	1	1	1	1	.....	.....
MANUFACTURES	7,884	3,683	3,678	3,692	3,745	3,789	3,768	3,767	3,797	3,787	3,780	3,807	3,837	159	4.1
Males	.....	2,918	2,917	2,912	3,010	3,056	3,039	3,063	3,060	3,046	3,032	3,046	3,043	146	4.8
Females	.....	765	761	780	735	733	729	704	737	741	748	761	794	70	8.8
Chemicals and Allied Products	301	58	58	58	58	58	58	58	58	56	57	54	56	5	(a)
Males	.....	55	55	55	55	55	55	57	56	56	56	53	56	5	(a)
Females	.....	3	3	3	3	3	3	1	2	1	1	1	1	.....	.....
Food and Kindred Products	1,198	1,677	1,617	1,622	1,619	1,644	1,643	1,648	1,645	1,649	1,649	1,665	1,683	66	3.9
Males	.....	1,178	1,171	1,178	1,181	1,203	1,206	1,213	1,213	1,211	1,208	1,217	1,223	22	4.3
Females	.....	499	446	444	438	441	438	435	432	438	441	448	460	52	6.1
Bread and other Bakery Products	366	1,060	1,067	1,070	1,068	1,068	1,063	1,072	1,075	1,075	1,079	1,080	1,087	37	3.4
Males	.....	746	753	760	763	762	762	767	770	767	767	776	779	31	4.0
Females	.....	313	314	310	305	306	306	305	305	308	312	314	318	13	4.1
Confectionery and Ice Cream	104	165	161	162	162	164	162	161	158	161	160	166	174	16	9.2
Males	.....	140	141	141	141	141	141	141	141	141	141	141	141	4	(a)
Females	.....	125	120	121	121	123	120	118	115	118	117	122	130	15	11.5
Slaughtering and Meat Packing	81	223	207	206	203	220	220	221	219	218	218	218	220	20	9.0
Males	.....	223	207	206	203	220	220	221	219	218	218	218	220	20	9.0

Food and Kindred Products, not otherwise classified	647	179	182	184	186	192	193	194	198	196	192	191	192	199	16	8.2
Males	.....	167	170	172	174	180	181	182	181	183	180	179	180	180	16	8.7
Females	.....	12	12	12	12	12	12	12	13	12	12	12	12	12	.....	.....
<i>Iron and Steel and their Products</i>	1,394	195	194	200	205	208	201	199	203	206	202	202	202	202	14	6.7
Males	.....	191	190	196	201	204	197	195	198	201	197	197	197	197	1	6.9
Females	.....	4	4	4	4	4	4	4	5	5	5	5	5	5	(a)	(a)
<i>Foundry and Machine Shop Products</i>	900	128	126	131	135	138	133	130	129	129	129	129	127	127	12	8.7
Males	.....	124	122	127	131	134	129	128	126	125	125	125	123	123	12	9.0
Females	.....	4	4	4	4	4	4	4	4	4	4	4	4	4	.....	.....
<i>Iron and Steel and their Products, not otherwise classified</i>	494	67	68	69	70	70	68	69	74	77	73	73	75	75	10	(a)
Males	.....	67	68	69	70	70	68	69	73	76	72	72	74	74	9	(a)
Females	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	1	1	6	(a)
<i>Leather and its Finished Products</i>	174	.....	41	41	41	41	41	41	40	40	41	41	46	46	4	(a)
Males	.....	.....	33	33	33	34	34	34	33	34	34	34	38	38	4	(a)
Females	.....	.....	8	8	8	7	7	7	7	6	7	7	10	10	4	(a)
<i>Liquors and Beverages</i>	198	141	142	141	141	139	141	144	144	146	142	140	140	140	6	4.1
Males	.....	141	141	140	140	140	140	143	143	145	141	139	139	139	4	4.1
Females	.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	(a)
<i>Lumber and its Remanufactures</i>	802	129	129	130	130	132	132	131	129	129	132	131	131	131	3	2.3
Males	.....	129	129	130	130	132	132	131	129	129	132	131	131	131	3	2.3
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Metals and Metal Products, other than Iron and Steel</i>	296	50	50	49	51	51	52	54	52	52	51	51	51	51	5	(a)
Males	.....	49	42	41	42	43	44	46	44	44	43	42	42	42	5	(a)
Females	.....	8	8	8	8	8	8	8	8	8	8	9	9	9	1	(a)
<i>Paper and Printing</i>	384	612	607	604	626	632	610	615	612	615	619	636	665	665	51	7.8
Males	.....	612	607	604	626	632	610	615	612	615	619	636	665	665	32	5.7
Females	.....	8	8	8	8	8	8	8	8	8	8	8	8	8	29	(a)
<i>Printing and Publishing</i>	712	572	570	567	588	596	573	573	574	577	582	599	618	618	51	8.3
Males	.....	572	570	567	588	596	573	573	574	577	582	599	618	618	32	6.1
Females	.....	80	79	76	71	73	72	69	66	66	70	77	95	95	29	(a)
<i>Paper and Printing, not otherwise classified</i>	182	37	37	37	37	37	37	37	38	38	37	37	37	37	1	(a)
Males	.....	37	37	37	37	37	37	37	38	38	37	37	37	37	1	(a)
Females	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Rubber Products</i>	69	13	13	13	13	13	13	13	15	15	15	16	16	16	4	(a)
Males	.....	12	12	12	12	12	12	12	14	14	15	16	16	16	4	(a)
Females	.....	1	1	1	1	1	1	1	1	1	1	1	1	1	.....	.....
<i>Stone, Clay and Glass Products</i>	721	47	47	46	46	46	46	46	46	47	47	48	48	48	3	(a)
Males	.....	38	38	38	38	38	38	38	38	37	37	38	38	38	3	(a)
Females	.....	9	9	9	9	9	9	9	9	10	10	10	10	10	.....	.....
<i>Textiles</i>	667	333	340	340	338	330	319	319	340	338	332	326	316	316	26	7.5
Males	.....	301	304	310	307	300	292	299	308	306	305	306	298	298	13	4.2
Females	.....	32	36	32	31	30	27	20	32	32	27	20	18	18	25	(a)
<i>Tobacco Manufactures</i>	240	13	13	13	13	13	14	13	13	13	13	13	13	13	1	(a)
Males	.....	13	13	13	13	13	14	13	13	13	13	13	13	13	1	(a)
Females	.....	32	33	33	36	37	39	43	46	44	46	46	48	48	16	(a)
<i>Vehicles for Land Transportation</i>	325	30	30	34	34	37	37	41	44	43	42	44	46	46	16	(a)
Males	.....	2	2	2	2	2	2	2	2	2	2	2	2	2	.....	.....
Females	.....	394	394	396	404	438	454	459	456	448	435	437	431	431	65	14.2
<i>Miscellaneous Industries</i>	631	224	224	233	262	273	286	292	290	273	260	267	267	267	68	11.0
Males	.....	224	224	233	262	273	286	292	290	273	260	267	267	267	20	.....
Females	.....	170	166	163	162	166	168	167	172	175	175	180	182	182	.....	.....

a Not computed owing to small number represented.

TABLE VI—Continued.

THE STATE—Concluded.

Industry and Sex.	Number of establishments reporting.	Number of salespeople (not traveling) employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
MANUFACTURES—Concluded.															
<i>Miscellaneous Industries—Concluded.</i>															
Electrical Machinery, Apparatus and Supplies	98	219	224	220	223	226	230	228	233	232	230	232	234	15	6.4
Males	.....	90	94	93	96	96	97	97	98	95	97	98	99	9	(a)
Females	.....	129	130	127	127	130	133	131	135	137	133	134	135	10	7.3
Manufacturing Industries, not otherwise classified	533	175	170	176	201	212	224	231	223	216	205	205	197	51	26.4
Males	.....	124	134	140	163	177	189	195	186	178	163	163	159	61	31.3
Females	.....	41	36	36	38	35	35	36	37	38	42	42	47	12	(a)
SERVICE	1,469	546	545	562	581	585	611	625	618	589	594	592	597	90	14.2
Males	.....	469	467	483	504	506	529	537	514	504	508	506	512	70	12.0
Females	.....	77	78	79	77	79	82	88	104	85	86	86	85	20	26.0
Garages	138	155	155	174	192	190	201	201	180	184	190	186	184	46	22.9
Males	.....	153	153	174	192	190	201	201	180	184	190	186	184	46	22.9
Laundries and Dry Cleaners	270	259	261	269	262	266	267	272	270	274	274	275	283	24	8.5
Males	.....	216	215	217	217	218	219	225	220	221	221	222	229	13	7.8
Females	.....	44	46	47	45	48	48	47	50	53	53	53	53	9	(a)
Service, not otherwise classified	1,066	129	129	129	127	127	143	162	163	131	130	131	130	41	24.4
Males	.....	98	97	97	95	97	109	114	114	99	96	98	98	19	16.7
Females	.....	33	32	32	32	33	34	48	54	32	34	33	32	22	(a)
TRADE	4,112	26,490	25,748	26,577	27,101	27,383	26,797	26,107	25,603	26,973	27,999	28,720	32,667	7,094	21.6
Males	.....	12,410	12,271	12,319	12,475	12,503	12,584	12,482	12,271	12,613	12,772	13,019	13,686	1,266	10.2
Females	.....	14,079	13,477	14,258	14,626	14,880	14,213	13,625	13,336	14,360	15,227	15,701	19,001	5,769	39.4
Offices	289	606	606	607	607	610	616	614	609	613	614	612	611	11	1.8
Males	.....	604	603	606	606	608	612	612	609	613	612	610	611	11	1.8
Females	.....	2	2	2	2	2	2	2	2	2	2	2	2	2	.....
Retail and Wholesale Stores	3,157	25,642	24,912	25,843	26,262	26,539	25,944	25,251	24,746	26,114	27,144	27,983	31,816	7,070	22.2
Males	.....	11,576	11,439	11,439	11,640	11,651	11,735	11,639	11,519	11,765	11,971	12,771	12,819	1,260	10.3
Females	.....	14,066	13,473	14,404	14,622	14,888	14,212	13,612	13,226	14,349	15,173	15,188	18,997	5,770	39.4
Yards, Coal and Lumber	606	200	202	201	205	207	211	215	213	210	210	209	206	13	6.1
Males	.....	204	204	201	204	206	210	211	213	210	209	209	206	13	6.1
Females	.....	1	1	1	1	1	1	1	1	1	1	1	1	.....	.....
Trade, not otherwise classified	60	27	26	26	27	27	26	28	30	34	31	30	32	9	(a)
Males	26	25	25	26	26	25	28	30	32	30	29	31	7	(a)
Females	1	1	1	1	1	1	1	1	1	1	1	1	1	(a)

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TABLE VI—Continued.

BUTLER COUNTY

Industry and Sex.	Number of establishments reporting.	Number of salespeople (not traveling) employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
ALL INDUSTRIES	277	418	417	429	437	455	439	457	442	457	470	472	510	93	18.2
Males .....	.....	196	196	196	198	200	203	220	220	220	222	221	225	30	13.3
Females .....	.....	223	221	233	239	255	236	237	222	237	248	251	285	64	22.5
TRADE—	51	347	344	356	364	383	366	383	369	383	396	398	435	91	20.9
Retail and Wholesale Stores .....	.....	132	131	131	133	136	138	154	154	153	156	154	157	26	16.6
Males .....	.....	215	213	225	231	247	223	229	215	230	241	244	278	65	23.4
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CLARK COUNTY

ALL INDUSTRIES	320	451	447	466	472	483	468	464	468	473	486	493	528	81	15.3
Males .....	.....	213	212	225	227	226	227	226	227	230	240	244	245	33	13.5
Females .....	.....	238	235	241	245	257	241	238	241	243	246	249	283	48	17.0
TRADE—	57	369	365	374	379	390	376	371	376	381	394	398	432	67	15.5
Retail and Wholesale Stores .....	.....	143	142	145	146	146	147	146	148	151	160	161	161	19	11.8
Males .....	.....	226	223	229	233	244	228	225	228	230	234	237	271	48	17.7
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

COLUMBIANA COUNTY

ALL INDUSTRIES	255	266	263	268	272	282	272	263	263	267	276	276	308	45	14.6
Males .....	.....	127	124	128	128	128	128	126	126	124	126	126	127	31	8.1
Females .....	.....	139	139	140	144	154	146	138	141	143	150	149	161	43	23.8
TRADE—	49	352	346	352	355	365	355	346	349	350	358	358	391	45	15.5
Retail and Wholesale Stores .....	.....	113	110	113	112	112	110	109	109	108	110	110	111	5	4.4
Males .....	.....	138	136	139	143	153	146	137	140	142	149	148	180	43	23.9
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE VI—Continued.
CUYAHOGA COUNTY — Concluded

Industry and Sex.	Number of establishments reporting.	Number of salespeople (not traveling) employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per-cent.
TRANSPORTATION AND PUBLIC UTILITIES—															
Electric Light and Power.....	4	60	61	61	59	59	59	58	57	58	58	59	58	4	(a)
Males .....	.....	60	61	61	59	59	59	58	57	58	58	59	58	4	(a)

FRANKLIN COUNTY

ALL INDUSTRIES	1,109	2,429	2,862	2,405	2,516	2,459	2,378	2,359	2,503	2,549	2,632	2,632	2,968	629	21.1
Males .....	.....	1,267	1,774	1,259	1,310	1,295	1,274	1,265	1,315	1,318	1,332	1,332	1,414	155	11.0
Females .....	.....	1,162	1,088	1,146	1,206	1,164	1,104	1,094	1,188	1,231	1,300	1,300	1,554	486	30.9
MANUFACTURES—															
Bread and other Bakery Products.....	23	74	75	78	78	79	75	77	82	79	81	77	80	8	(a)
Males .....	.....	70	71	74	74	75	73	75	78	75	77	77	76	8	(a)
Females .....	.....	4	4	4	4	4	2	2	4	4	4	4	4	2	(a)
Printing and Publishing	45	76	76	69	66	65	63	65	66	69	74	74	85	22	(a)
Males .....	.....	53	53	53	54	54	53	54	56	58	59	59	60	7	(a)
Females .....	.....	23	23	16	12	11	10	11	10	11	15	15	25	15	(a)
TRADE—															
Retail and Wholesale Stores.....	289	2,068	1,996	2,043	2,144	2,098	2,033	2,002	2,133	2,183	2,253	2,253	2,601	606	23.3
Males .....	.....	943	946	929	965	969	949	932	970	979	989	989	1,063	130	13.0
Females .....	.....	1,125	1,049	1,114	1,178	1,129	1,084	1,070	1,163	1,204	1,269	1,269	1,532	484	31.8

HAMILTON COUNTY

ALL INDUSTRIES	3,055	6,397	6,283	6,441	6,535	6,486	6,231	5,991	6,416	6,674	6,824	6,824	7,580	1,659	21.0
Males .....	.....	3,418	3,392	3,423	3,464	3,452	3,414	3,366	3,447	3,478	3,519	3,519	3,634	268	7.4
Females .....	.....	2,979	2,901	3,018	3,068	3,034	2,817	2,625	2,969	3,196	3,305	3,305	3,946	1,321	33.5
MANUFACTURES—															
Bread and other Bakery Products.....	68	180	182	184	185	182	180	180	180	181	181	181	180	5	2.7
Males .....	.....	118	120	121	123	121	121	121	121	120	120	120	119	5	4.1
Females .....	.....	62	62	62	62	61	59	59	59	61	61	61	61	3	(a)

TABLE VI—Continued.
LORAIN COUNTY

Industry and Sex.	Number of establishments reporting.	Number of salespeople (not traveling) employed on the 15th of each month.												Variation from maximum.	
														Num-ber.	Per cent.
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.		
ALL INDUSTRIES	286	271	280	285	291	290	284	286	282	286	289	301	344	73	21.2
Males	128	128	134	135	138	136	132	137	136	137	137	136	189	11	7.9
Females	158	143	146	150	153	154	152	149	146	149	152	165	205	62	30.2
TRADE—															
Retail and Wholesale Stores	45	238	248	252	254	254	249	250	247	259	264	267	311	73	23.5
Males	100	106	107	106	106	105	102	106	106	106	108	108	111	11	9.9
Females	138	142	145	146	148	149	147	144	141	153	156	159	200	62	31.0
LUCAS COUNTY															
ALL INDUSTRIES	1,031	2,529	2,510	2,455	2,674	2,656	2,639	2,661	2,573	2,759	2,870	3,076	3,386	875	26.8
Males	1,400	1,402	1,422	1,480	1,448	1,443	1,479	1,492	1,456	1,522	1,520	1,612	1,589	212	13.2
Females	1,129	1,108	1,233	1,214	1,213	1,213	1,160	1,169	1,078	1,237	1,350	1,464	1,796	668	38.3
MANUFACTURES—															
Bread and other Bakery Products	23	97	96	95	94	94	95	96	96	96	98	101	102	8	7.8
Males	68	68	67	66	65	66	67	67	69	68	69	72	73	7	(a)
Females	29	29	29	29	29	28	28	29	28	28	29	29	30	1	(a)
Printing and Publishing	40	73	69	68	70	72	74	71	69	73	72	74	76	11	(a)
Males	56	53	53	53	55	55	55	53	52	55	53	55	56	4	(a)
Females	17	16	16	17	17	17	19	18	17	18	19	19	23	7	(a)
TRADE—															
Offices	30	79	79	80	80	80	80	80	80	80	80	80	83	3	(a)
Retail and Wholesale Stores	201	2,070	2,056	2,134	2,186	2,158	2,120	2,145	2,060	2,252	2,377	2,579	2,891	885	28.9
Males	1,011	1,015	1,023	1,040	1,012	1,013	1,031	1,048	1,053	1,085	1,100	1,190	1,176	179	16.0
Females	1,059	1,041	1,106	1,146	1,146	1,145	1,089	1,097	1,007	1,167	1,277	1,389	1,716	709	41.3

MAHONING COUNTY

ALL INDUSTRIES	430	966	961	1,110	1,000	1,031	1,004	986	999	986	1,020	1,018	1,287	221	25.5
Males .....	.....	506	397	404	411	411	384	394	384	406	419	414	473	79	16.7
Females .....	.....	556	564	706	589	620	686	642	606	581	601	604	784	242	30.9
TRADE—	70	869	862	1,009	897	928	902	831	894	890	914	914	1,149	218	27.7
Retail and Wholesale Stores .....	.....	319	315	321	325	325	324	306	306	314	329	323	352	77	20.2
Males .....	.....	540	547	688	572	603	578	525	589	566	586	591	767	242	31.6
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MONTGOMERY COUNTY

ALL INDUSTRIES	811	1,866	1,604	1,642	1,708	1,721	1,665	1,697	1,596	1,622	1,807	1,841	2,216	620	23.0
Males .....	.....	861	815	807	836	834	832	844	824	825	868	870	969	162	16.7
Females .....	.....	1,006	789	835	872	897	833	853	772	797	949	971	1,247	475	38.1
TRADE—	17	65	65	65	65	65	65	66	66	66	66	66	66	1	(a)
Offices .....	.....	65	65	65	65	65	65	66	66	66	66	66	66	1	(a)
Males .....	.....	1,593	1,329	1,367	1,429	1,463	1,387	1,415	1,312	1,338	1,531	1,562	1,937	608	31.4
Retail and Wholesale Stores	131	610	561	568	578	577	576	535	563	564	602	615	713	160	22.4
Males .....	.....	983	768	814	851	876	811	830	749	774	929	947	1,224	475	33.8
Females .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MUSKINGUM COUNTY

ALL INDUSTRIES	251	358	352	357	364	391	366	353	366	377	378	381	482	130	27.0
Males .....	.....	183	187	187	187	193	191	187	195	198	198	192	213	30	14.1
Females .....	.....	170	169	170	177	198	175	171	171	178	180	179	269	100	37.2
TRADE—	60	322	316	321	326	349	324	317	306	.....	.....	.....	.....	.....	.....
Retail and Wholesale Stores .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE VI—Continued.
STARK COUNTY—Concluded.

Industry and Sex.	Number of establishments reporting.	Number of salespeople (not traveling) employed on the 15th of each month.												Variation from maximum.	
		Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Num-ber.	Per cent.
SUMMIT COUNTY															
TRADE—															
Retail and Wholesale Stores.....	104	761	748	818	818	827	800	747	730	764	794	793	953	223	23.4
Males.....	.....	265	274	279	276	282	280	275	263	277	281	279	298	33	11.1
Females.....	.....	496	474	539	542	545	520	472	467	487	513	514	655	190	23.5
ALL INDUSTRIES.....	491	1,332	1,316	1,338	1,428	1,437	1,450	1,377	1,383	1,426	1,506	1,552	1,798	482	26.8
Males.....	.....	735	723	710	733	730	794	727	727	727	745	785	856	146	17.1
Females.....	.....	597	593	628	695	707	656	650	656	699	761	767	942	349	37.0
TRADE—															
Retail and Wholesale Stores.....	90	1,247	1,231	1,253	1,340	1,349	1,351	1,261	1,270	1,341	1,421	1,468	1,712	461	28.1
Males.....	.....	658	646	634	654	651	704	635	636	661	669	708	779	145	18.6
Females.....	.....	589	585	619	686	698	647	626	634	680	752	753	933	348	37.3
TRUMBULL COUNTY															
ALL INDUSTRIES.....	187	133	129	128	130	136	130	121	126	141	137	143	152	31	20.4
Males.....	.....	62	60	58	59	59	58	57	56	61	61	64	65	9	(a)
Females.....	.....	71	69	70	71	77	72	64	70	80	76	79	87	22	(a)
TRADE—															
Retail and Wholesale Stores.....	23	125	121	120	122	128	122	113	118	133	129	135	144	31	21.5
Males.....	.....	64	52	50	51	51	50	43	48	53	53	56	57	9	(a)
Females.....	.....	71	69	70	71	77	72	61	70	80	76	79	87	22	(a)

TUSCARAWAS COUNTY

ALL INDUSTRIES	149	137	135	141	147	152	148	143	141	143	145	148	161	26	16.1
Males .....	.....	46	46	47	49	48	51	52	54	52	51	53	52	10	(3)
Females .....	.....	91	89	94	98	104	96	91	87	91	94	100	109	22	20.2
TRADE—															
Retail and Wholesale Stores.....	22	132	130	136	141	146	140	137	135	136	138	143	154	24	15.6
Males .....	.....	42	42	43	44	43	46	46	49	46	46	44	46	9	(3)
Females .....	.....	90	88	93	97	102	94	91	86	90	92	99	108	22	20.4

a Not computed owing to small number represented.

TABLE VII—TOTAL WAGE AND SALARY PAYMENTS, BY INDUSTRIES.

(The first section of this table presents data for the State and the second section for each of the 39 counties having a population of 50,000 or over in 1910. For the State and for each of the counties indicated, every industry is shown for which three or more establishments reported and for which the total payroll was \$5,000 or more. The manufacturing industries are grouped alphabetically under sub-groups for the State and alphabetically under the general group "Manufactures," and without sub-groups, for each of the 39 counties.)

THE STATE.

Industry.	Number of establishments reporting.	Total wage and salary payments.					Grand total.
		To wage earners.	To book-keepers, stenographers and office clerks.	To sales-people (not travelling).	To superintendents and managers.		
ALL INDUSTRIES	18,343	\$430,106,938	\$84,532,609	\$32,178,691	\$29,379,494	\$536,087,742	
AGRICULTURE							
Dairy Farming	276	1,446,310	85,667	47,006	109,191	1,688,184	
Fruit and Vegetable Farming	30	140,341	4,307	2,437	7,447	154,493	
Flower, Fruit Growers, Nurserymen and Seedsmen	85	776,486	70,663	44,569	68,989	959,717	
General Farming	130	514,058	10,817	.....	34,765	559,650
Agriculture, not otherwise classified	21	15,415	.....	.....	.....	15,415
CONSTRUCTION							
Brick, Stone and Cement Work	3,290	30,788,911	1,533,143	267,883	1,446,480	34,036,416	
Electrical Contracting	340	2,017,533	46,090	12,248	79,936	2,155,817	
General Contracting	91	721,415	101,097	47,670	66,044	896,226	
Oil and Gas Drilling	1,261	14,961,401	556,513	30,877	582,176	16,130,961	
Painting and Decorating	206	2,468,639	166,457	30,990	147,665	2,802,001	
Plastering	230	1,221,610	41,261	51,273	88,349	1,382,488	
Plumbing and Steam Fitting	58	667,463	6,851	12,719	17,919	694,952	
Sand and Gravel Excavating	290	2,302,534	251,337	50,834	161,688	2,716,403	
Sheet Metal Work and Roofing	88	556,513	29,504	1,985	58,678	646,680	
Street, Road and Sewer Contracting	230	1,407,276	116,080	51,270	106,269	1,679,893	
Vermining and Hauling	397	3,852,619	109,763	.....	151,465	4,013,846
Construction, not otherwise classified	22	264,080	26,085	.....	8,373	298,537
FISHERIES	53	458,858	83,506	8,337	34,064	584,765	
MANUFACTURES							
Chemicals and Allied Products	25	333,753	30,913	1,196	26,390	392,242	
Baking Powder and Yeast	8,004	331,698,196	25,783,120	4,003,251	18,967,537	380,542,104	
Blacking, Cleaning and Polishing Preparations	806	8,069,211	2,337,642	54,677	906,498	11,367,028	
Chemicals, Acids and Wood Distillation	4	148,269	176,891	530	39,053	363,693	
Explosives	11	42,301	27,428	.....	15,396	85,125
Fertilizers	47	1,816,781	317,791	3,665	145,978	2,284,216	
Portulizers	9	106,438	16,277	.....	21,018	143,733
.....	21	554,728	88,027	1,476	76,906	721,036	

TABLE VII—Continued.

THE STATE—Continued.

Industry.	Number of estab- lishments reporting.	Total wage and salary payments.				Grand total.
		To wage earners.	To book- keepers, stenog- raphers and office clerks.	To sales- people (not traveling).	To super- intendents and man- agers.	
MANUFACTURES—Continued.						
<i>Liquors and Beverages.</i>						
Liquors, Distilled	199	5,145,977	638,776	225,143	546,233	6,620,128
Liquors, Malt	11	188,822	28,004	899	21,269	249,094
Liquors, Vinous	110	4,512,304	534,060	189,785	440,767	5,727,906
Malt	12	72,334	17,083	720	28,327	116,464
Mineral and Soda Waters	6	71,296	20,424		11,350	103,060
<i>Lumber and its Remanufactures.</i>						
Baskets and Rattan and Willow Ware	814	14,902,156	303,231	34,739	36,420	15,236,545
Billiard Tables and Materials	25	222,055	1,381,738	166,130	961,291	17,411,315
Boxes, Cigar	3	50,234	14,145		18,256	244,510
Coffins, Burial Cases and Undertakers' Goods	16	136,310	5,602		4,095	146,607
Copperage and Related Wooden Goods	20	790,919	78,715	4,455	66,705	899,784
Furniture and Refrigerators	84	931,151	56,321	2,393	83,183	1,073,048
Looking Glass and Picture Frames	168	5,399,384	554,178	29,682	278,018	6,261,262
Lumber and Planing Mill Products	6	186,000	18,087	936	9,830	214,853
Matches	435	5,498,809	557,930	121,070	421,367	6,599,176
Show Cases	3	1,019,927	53,828		24,545	1,098,298
Wood Preserving	9	108,752	10,422	3,514	14,677	136,365
Wood, Turned and Carved	3	101,381	3,294		7,313	112,088
Lumber and its Remanufactures, not otherwise classified.	38	380,264	21,339	2,280	26,712	429,645
<i>Metals and Metal Products other than Iron and Steel.</i>						
Brass and Bronze Products	4	69,880	3,540	1,800	8,000	83,220
Clocks and Watches, including Cases and Materials	309	12,174,179	1,646,028	58,941	1,042,903	14,921,961
Copper, Tin and Sheet Iron Products	60	1,212,697	96,049	2,100	89,336	1,399,781
Electro-Plating	7	230,464	25,861		15,720	282,045
Galvanizing	154	7,736,085	727,721	17,765	416,009	8,997,580
Gas and Electric Fixtures and Lamps and Reflectors	17	95,378	7,077		12,232	114,685
Jewelry	3	64,215	9,511		5,500	79,236
Smelting and Refining, not from the Ore	40	2,398,887	703,034	18,861	440,955	3,561,337
Metals and Metal Products, other than Iron and Steel, not otherwise classified	21	235,594	58,358	17,900	16,385	329,208
<i>Paper and Printing.</i>						
Books, Fancy and Paper	7	96,632	6,492		15,854	118,778
Books, Plain	10	44,189	11,925	2,215	30,532	88,811
Books, Plain and Paper	899	17,386,938	3,052,570	724,171	1,951,451	23,124,931
Books, Plain and Paper	6	165,446	22,151	2,073	20,703	209,948
Books, Plain and Paper	52	1,061,861	107,165	8,080	118,016	1,286,142

Card Cutting and Designing.....	3	31,793	6,572	3,583	4,000	48,054
Engraving and Die Stinking.....	8	66,386	6,043	1,940	9,507	52,376
Labels and Tags.....	3	31,777	5,703	2,430	4,550	45,460
Paper and Wood Pulp.....	51	3,241,122	175,324	17,800	210,530	3,444,786
Photo-Engraving.....	21	335,107	29,598	19,590	60,109	434,394
Printing and Publishing.....	715	11,641,776	2,609,514	629,444	1,434,661	16,942,985
Stereotyping and Electrotyping.....	20	315,386	46,120	6,021	31,760	388,287
Wall Paper.....	2	60,579	10,232	.....	.....	88,311
Paper and Printing, not otherwise classified.....	17	486,956	23,837	1,040	65,216	541,678
Rubber Products.....	61	21,333,164	3,617,591	25,370	532,151	26,513,676
Stones, Clay and Glass Products.....	725	24,949,352	990,570	176,068	1,117,991	27,294,001
Artificial Stone.....	53	34,963,688	27,267	7,909	34,379	34,778
Brick and Tile.....	237	3,753,839	136,956	23,864	221,869	4,355,538
Cement.....	5	344,577	19,351	.....	29,300	4,355,538
Emery and other Abrasion Wheels.....	45	6,071,781	8,577	.....	6,960	121,321
Glass.....	28	3,361,781	269,752	10,900	266,176	7,383,519
Glass, Cutting, Staining and Ornamenting.....	22	273,571	22,539	6,936	34,279	324,989
Kaolin and Ground Earths.....	41	396,466	17,115	.....	.....	367,980
Lime.....	6	174,780	11,163	.....	6,900	191,248
Marble and Stone Work.....	72	580,019	46,609	.....	36,563	670,340
Mirrors.....	18	63,112	3,866	6,144	2,800	62,778
Pottery, Terra-Cotta and Fire Clay Products.....	10	11,482,332	416,776	118,605	497,514	12,446,286
Statuary and Art Goods.....	3	24,252	2,215	.....	7,630	124,397
Wall Plaster.....	3	100,052	14,239	.....	14,364	128,646
Stone, Clay and Glass Products, not otherwise classified.....	3	65,049	2,171	.....	6,469	73,639
Textiles.....	671	17,227,789	1,572,406	323,663	1,463,270	20,277,148
Awnings, Tents and Sails.....	23	285,723	69,732	31,319	21,893	406,672
Bags, other than Paper.....	13	406,760	4,164	988	5,416	416,318
Carpet, Rag.....	13	38,067	2,133	.....	4,224	44,454
Clothing, Men's, including Shirts.....	153	4,369,130	510,856	100,657	273,906	5,253,549
Clothing, Women's.....	110	5,274,656	478,197	26,568	224,964	6,065,405
Cordage, Twine, Jute and Lichen Goods.....	6	274,623	16,214	.....	31,220	321,038
Cotton Goods, including Cotton Small Wares.....	190	110,438	6,960	8,265	128,698	1,079,864
Custom Tailoring, Men's and Women's.....	7	912,116	60,990	61,853	61,853	1,079,864
Dyeing and Finishing Textiles.....	17	173,543	10,002	21,529	13,680	202,005
Flags, Banners and Regalia.....	17	332,798	76,761	46,589	62,787	527,687
Furnishing Goods, Men's.....	13	190,858	32,540	3,176	46,589	266,254
Hats and Caps, other than Felt, Straw and Wool.....	32	186,177	11,523	2,220	10,865	186,790
Hosiery and Knit Goods.....	104	1,389,949	10,146	6,631	6,300	1,396,709
Millinery and Lace Goods.....	22	633,334	83,069	6,631	98,069	771,189
Oilcloth and Linoleum.....	4	141,811	66,846	76,963	76,963	852,351
Sheddy.....	3	260,233	16,230	.....	21,434	276,293
Woolen, Worsted and Felt Goods.....	17	1,243,154	11,400	986	17,600	1,390,646
Textiles, not otherwise classified.....	41	5,103,791	64,126	4,701	91,530	5,299,646
Tobacco Manufactures.....	244	5,103,791	47,463	18,877	46,769	5,194,314
Vehicles for Land Transportation.....	353	23,343,775	1,772,776	185,094	1,85,094	25,486,431
Automobiles, including Bods and Parts.....	104	22,967,067	2,689,063	57,772	1,255,744	26,566,224
Bicycles, Motorcycles and Parts.....	8	603,780	2,020,069	69,686	371,976	26,566,224
Carriages and Sleds, Children's.....	5	718,615	76,966	3,800	26,564	771,189
Carriages, Wagons and Maces.....	201	2,961,944	47,473	.....	34,168	3,000,321
Cars, Steam Railroad, not including operations of Railroad Companies.....	9	1,414,447	311,423	2,890	209,888	3,488,044
Cars, Street Railroad, not including operations of Railroad Companies.....	4	1,473,700	186,610	46,113	46,236	1,540,592
Vehicles for Land Transportation, not otherwise classified.....	2	44,213	1,365	1,366	60,423	1,580,632
					1,200	46,963

TABLE VII—Continued.
THE STATE—Continued.

Industry.	Number of establishments reporting.	Total wage and salary payments.					Grand total.
		To wage earners.	To book-keepers, stenographers and office clerks.	To sales-people (not traveling).	To super-intendents and managers.		
MANUFACTURES—Concluded.							
<i>Manufactures—Industries</i>	638	22,444,391	3,245,290	446,588	1,588,888	27,726,073	
Agricultural Implements	52	2,987,060	374,346	5,624	173,589	3,540,629	
Brooms and Brooms	23	132,126	6,535	14,817	161,177	350,655	
Buttons	14	825,633	84,763	4,883	22,765	438,073	
Coke	3	50,187	312	.....	2,096	53,596
Dentists' Materials	3	333,609	15,770	.....	16,763	326,141
Electrical Machinery, Apparatus and Supplies	10	227,422	42,004	20,987	36,552	326,945	
Enamelling and Japaning	99	7,176,087	1,373,886	230,431	442,311	9,221,715	
Fancy Articles	6	234,068	4,107	.....	11,450	239,625
Foundry Supplies	9	243,918	37,679	1,144	10,320	293,061	
Fur Goods	4	29,369	12,522	.....	4,006	46,006
Hand Stamps and Stencils and Brands	10	53,620	12,994	7,452	.....	74,066
House Furnishings	5	50,802	2,246	926	.....	54,074
Ice, Manufactured	8	35,806	12,879	60	3,380	52,124	
Instruments, Professional and Scientific	4	43,231	33,689	.....	10,400	87,320
Mattresses and Spring Beds	99	1,056,971	153,881	47,765	181,711	1,484,328	
Molds and Patterns, not including Paper Patterns	37	436,480	90,838	8,384	26,788	567,879	
Munitions	42	687,190	85,839	20,160	64,690	861,556	
Optical Goods	6	353,299	10,689	3,120	27,447	394,536	
Peas, Fountain, Stylographic and Gold	18	1,299,368	56,177	.....	27,440	1,382,975
Planes, Organs and Materials	5	113,986	46,768	21,627	21,961	173,331	
Roofing Materials	25	61,190	46,008	2,118	16,800	125,116	
Ship Building, including Boat Building	19	1,617,616	164,921	3,170	76,583	1,860,442	
Signs and Advertising Novelties	33	421,969	101,839	7,706	27,466	543,987	
Soda Water Apparatus	3	762,562	144,168	.....	86,216	1,003,803
Sporting and Athletic Goods	6	184,167	16,956	.....	21,423	222,596
Stationery Goods	21	344,044	36,016	.....	32,610	412,670
Steam Packing	4	416,159	62,940	10,224	41,669	530,992	
Surgical Appliances and Artificial Limbs	7	22,277	3,936	.....	4,610	30,823
Toys and Games	19	61,682	12,789	884	4,517	79,872	
Underline and Cases	8	708,586	50,848	20,346	38,171	815,952	
Washing Machines and Clothes Wringers	9	102,796	17,169	3,060	12,807	135,832	
	9	104,621	12,428	1,338	4,732	123,007	

TABLE VII—Continued.
ALLEN COUNTY—Concluded

Industry.	Number of establishments reporting.	Total wage and salary payments.				Grand total.
		To wage earners.	To book-keepers, stenographers and office clerks.	To sales-people (not traveling).	To superintendents and managers.	
MANUFACTURES—Concluded.						
Brick and Tile.....	5	30,870	2,713	.....	3,536	36,919
Cooperage and Related Wooden Goods.....	4	30,740	1,545	.....	.....	32,285
Foundry and Machine Shop Products.....	13	987,940	20,328	4,000	56,698	1,068,966
Lumber and Planing Mill Products.....	10	46,314	2,713	1,080	2,255	53,372
Printing and Publishing.....	10	87,257	23,755	.....	4,885	115,907
Tobacco Manufactures.....	4	728,869	12,647	.....	10,342	749,863
SERVICE—						
Hotels.....	7	40,141	10,981	5,460	.....	56,582
Laundries and Dry Cleaners.....	4	45,771	3,582	.....	780	50,133
TRADE, WHOLESALE AND RETAIL—						
Retail and Wholesale Stores.....	58	125,538	68,847	287,397	45,297	495,079
Yards, Coal and Lumber.....	10	37,422	9,850	720	7,100	55,092
TRANSPORTATION AND PUBLIC UTILITIES—						
Telegraph and Telephone.....	7	87,885	9,507	.....	9,266	106,658
ASHTABULA COUNTY						
ALL INDUSTRIES	152	\$2,667,653	\$185,020	\$97,007	\$189,405	\$3,119,085
AGRICULTURE—						
Florists, Fruit Growers, Nurserymen and Seedsmen.....	7	72,588	1,540	794	10,813	85,735
CONSTRUCTION—						
General Contracting	7	77,181	1,196	.....	4,288	82,615
FISHERIES—						
Fisheries.....	9	22,718	1,792	.....	4,850	29,360
MANUFACTURES—						
Baskets and Rattan and Willow Ware.....	5	44,109	147	.....	1,200	45,456
Bread and other Bakery Products.....	3	24,243	1,848	6,082	.....	32,173

TABLE VII—Continued.
BUTLER COUNTY—Concluded

Industry.	Number of establishments reporting.	Total wage and salary payments.				Grand total.
		To wage earners.	To book-keepers, stenographers and office clerks.	To sales-people (not traveling).	To superintendents and managers.	
MANUFACTURES—						
Bread and other Bakery Products.....	10	28,531	3,762	2,122	5,530	39,945
Cakes, Pastry and Cakes.....	3	23,068	2,670	.....	2,468	28,236
Copper, Tin and Sheet Iron Products.....	4	146,969	12,532	.....	9,600	169,002
Flour Mill and Grist Mill Products.....	5	22,067	3,788	.....	7,826	33,171
Foundry and Machine Shop Products.....	22	1,625,267	143,686	3,774	87,770	1,960,497
Liquors, Malt.....	4	66,613	8,198	2,760	7,033	84,604
Lumber and Planing Mill Products.....	7	154,418	18,515	.....	7,160	180,093
Meat and Wood Pulp.....	13	1,340,744	66,971	17,800	66,133	1,491,648
Printing and Publishing.....	11	109,876	37,066	4,344	12,282	163,548
Slaughtering and Meat Packing.....	3	20,135	2,232	14,917	.....	37,284
Tobacco Manufactures.....	7	337,938	30,212	.....	17,642	585,792
SERVICE—						
Garages.....	5	16,428	4,383	4,122	5,550	30,593
Laundries and Dry Cleaners.....	9	40,179	2,304	.....	5,880	48,963
TRADE, WHOLESALE AND RETAIL—						
Offices.....	3	40,091	8,098	.....	21,372	69,561
Retail and Wholesale Stores.....	53	104,362	54,562	171,088	48,417	378,429
Yards, Coal and Lumber.....	16	70,480	17,430	2,027	16,714	106,651
TRANSPORTATION AND PUBLIC UTILITIES—						
Carriage (Drayage) and Storage, including Livery Stables.....	5	42,354	1,543	.....	5,305	49,202
Telegraph and Telephone.....	7	77,433	4,555	122	5,779	87,899
CLARK COUNTY						
ALL INDUSTRIES	321	\$6,830,645	\$334,671	\$246,734	\$501,007	\$8,413,057
AGRICULTURE—						
Florists, Fruit Growers, Nurserymen and Seedsmen.....	8	100,108	11,563	.....	11,540	123,208
General Farming	7	34,033	.....	.....	3,600	37,633

**TABLE VII—Continued.
COLUMBIANA COUNTY—Concluded**

Industry.	Number of establishments reporting.	Total wage and salary payments.				
		To wage earners.	To book-keepers, stenographers and office clerks.	To sales-people (not traveling).	To superintendents and managers.	Grand total.
SERVICE—						
Laundries and Dry Cleaners.....	4	26,181	985	.....	.....	26,186
TRADE, WHOLESALE AND RETAIL—						
Retail and Wholesale Stores.....	49	63,976	29,037	117,022	33,074	243,109
Yards, Coal and Lumber.....	7	25,145	2,766	.....	3,646	31,557
TRANSPORTATION AND PUBLIC UTILITIES—						
Telegraph and Telephone.....	14	60,661	1,467	.....	3,660	65,788

CUYAHOGA COUNTY

ALL INDUSTRIES	2,933	\$106,046,460	\$15,267,175	\$9,021,818	\$7,439,256	\$134,764,709
AGRICULTURE—						
Flowers, Fruit Growers, Nursermen and Seedmen.....	12	91,990	2,276	11,460	13,008	118,834
CONSTRUCTION—						
Brick, Stone and Cement Work.....	78	556,311	17,731	6,577	15,854	596,473
Electrical Contracting	19	231,103	24,467	12,626	19,868	308,067
General Contracting	270	4,589,943	190,111	20,184	163,317	4,963,495
Oil and Gas Drilling.....	13	66,963	650	.....	4,800	70,843
Painting and Decorating.....	62	397,025	11,641	12,030	16,714	437,410
Plastering	19	318,106	6,331	2,113	9,154	353,704
Plumbing and Steam Fitting.....	44	610,249	86,536	4,747	24,640	776,133
Sand and Gravel Excavating.....	9	67,657	2,657	.....	10,636	80,950
Sheet Metal Work and Roofing.....	57	451,971	35,730	15,897	35,985	539,573
Street, Road and Sewer Contracting.....	72	1,061,268	22,692	.....	24,794	1,078,654
Ventilating and Heating.....	6	122,784	8,340	.....	.....	131,124
FISHERIES—						
Fishermen	3	80,218	10,847	1,196	1,300	93,561

TABLE VII—Continued.
 CUYAHOGA COUNTY — Concluded

Industry.	Number of establishments reporting.	Total wage and salary payments.				Grand total.
		To wage earners.	To book-keepers, stenographers and office clerks.	To sales-people (not traveling).	To superintendents and managers.	
MANUFACTURES—Concluded.						
Lumber and Planing Mill Products.....	31	879,918	106,762	42,833	69,746	1,098,759
Marble and Stone Works.....	14	114,477	7,542	4,944	4,380	131,143
Mattresses and Spring Beds.....	8	251,721	30,704	15,000	21,480	318,905
Millinery and Lace Goods.....	6	350,714	28,234	50,205	4,940	434,093
Mineral and Soda Waters.....	14	83,590	13,005	16,147	7,298	120,440
Models and Patterns, not including Paper Patterns.....	12	143,382	4,008	3,120	5,855	156,565
Oil.....	7	54,387	31,674	1,813	2,000	90,274
Optical Goods.....	5	33,949	17,177	9,155	4,640	64,821
Paint and Varnish.....	31	789,613	514,985	13,130	140,197	1,448,935
Paper and Wood Pulp.....	27	118,261	8,661	.....	14,428	141,348
Patent Medicines and Drug Compounds.....	3	39,025	26,800	.....	13,410	79,235
Petroleum Refining.....	6	414,707	43,238	1,813	10,150	469,908
Photo-Engraving.....	3	164,523	16,792	10,486	28,225	220,028
Printing and Publishing.....	108	3,108,896	524,738	256,677	381,656	4,272,007
Rubber Products.....	4	565,015	62,711	20,454	19,129	667,309
Ship Building, including Boat Building.....	5	346,638	70,166	.....	34,568	449,792
Signs and Advertising Novelties.....	4	46,868	9,659	.....	8,825	65,452
Slaughtering and Meat Packing.....	3	1,085,035	115,653	83,476	64,176	1,358,369
Springs, Steel, Car and Carriage.....	5	780,061	86,917	.....	22,240	889,238
Stationery Goods.....	3	33,887	6,422	4,468	6,729	51,904
Steel Works and Rolling Mills.....	10	6,945,894	365,490	.....	200,860	7,472,154
Stereotyping and Electrotyping.....	4	66,751	4,079	1,040	80,150	80,150
Stoves and Furnaces.....	20	1,811,339	163,946	12,655	114,946	2,092,906
Tobacco Manufactures.....	17	647,694	17,184	4,800	15,713	685,381
Trunks and Valises.....	5	69,236	8,094	6,877	8,144	82,461
Umbrella and Canes.....	3	24,903	4,401	2,020	3,634	34,858
Wirework, including Wire Rope and Cable.....	13	138,872	51,482	1,624	21,223	253,221
Woolen, Worsted and Felt Goods.....	3	768,146	42,529	886	52,200	863,513
SERVICE—						
Amusement Parks.....	9	217,334	5,477	.....	8,060	230,871
Garages.....	34	418,024	70,095	132,464	67,294	667,877
Hotels.....	34	1,032,629	136,714	1,149	93,789	1,283,281
Laundries and Dry Cleaners.....	41	1,028,031	88,464	92,486	91,518	1,298,899

Office Buildings	58	544,951	42,453	51,532	632,086
Photographers	11	41,715	4,019	1,900	47,034
Professional	13	68,835	72,892	1,900	142,650
Restaurants	37	874,577	18,476	20,189	411,202
Saloons	16	254,114	9,746	9,480	269,283
Theaters	16	221,804	7,880	19,755	249,039
TRADE—					
Offices	79	35,185	1,676,271	389,847	2,322,076
Delivery, Milk, Ice and Water	5	22,093	2,944	1,400	26,432
Retail and Wholesale Stores	412	4,400,165	2,131,509	1,153,334	11,248,792
Yards, Coal and Lumber	94	978,439	296,628	110,589	1,490,215
TRANSPORTATION AND PUBLIC UTILITIES—					
Carts (Drayage) and Storage, including Livery Stables	56	689,221	76,189	42,440	829,975
Electric Light and Power	5	76,504	211,377	67,511	1,078,973
Electric Railroads	5	4,64,977	222,066	26,970	4,304,013
Telegraph and Telephone	7	1,821,841	248,255	5,552	1,792,933
Transportation by Water, including Stevedoring	12	675,403	84,794	52,697	820,469

FRANKLIN COUNTY

ALL INDUSTRIES	1,116	\$18,752,730	\$3,332,783	\$1,843,010	\$1,879,435	\$25,807,938
AGRICULTURE—						
Dairy Farming	4	38,919	1,799	1,900	1,900	42,518
Florists, Fruit Growers, Nurserymen and Seedsmen	8	72,794	12,721	10,539	7,914	103,988
CONSTRUCTION—						
Brick, Stone and Cement Work	16	133,798	1,581	1,900	3,137	139,806
Electrical Contracting	8	28,433	8,104	2,956	2,609	42,093
General Contracting	81	692,969	18,944	6,200	20,122	736,985
Painting and Decorating	7	29,724	330	1,900	31,654	31,654
Plastering	8	77,804	.....	.....	986	78,299
Plumbing and Steam Fitting	11	178,862	21,397	2,867	28,111	230,767
Sand and Gravel Excavating	6	56,426	4,735	1,800	7,870	69,581
Sheet Metal Work and Roofing	15	120,427	7,490	3,310	8,325	139,325
Street, Road and Sewer Contracting	22	329,325	9,218	3,168	14,451	362,994
MANUFACTURES—						
Automobiles, including Bodies and Parts	10	609,485	58,209	6,764	37,821	612,279
Bolts, Nuts, Washers and Rivets, not made in Steel Works or Rolling Mills	3	296,193	16,510	.....	12,760	314,463
Boots and Shoes, including Cut Stock and Findings	10	832,433	62,819	.....	23,286	918,698
Boxes, Fancy and Paper	3	41,336	2,320	884	6,618	47,158
Brass and Bronze Products	3	63,553	6,062	.....	.....	76,510
Bread and other Bakery Products	23	248,065	22,896	99,251	17,903	382,146
Brick and Tile	3	127,838	3,299	1,800	11,290	143,767
Butter, Cheese and Condensed Milk	4	90,365	27,960	3,607	12,972	134,894
Carrriages, Wagons and Materials	9	178,740	29,770	.....	7,245	210,763

TABLE VII—Continued.
FRANKLIN COUNTY — Concluded

Industry.	Number of establishments reporting.	Total wage and salary payments.				Grand total.
		To wage earners.	To book-keepers, stenographers and office clerks.	To sales-people (not traveling).	To superintendents and managers.	
MANUFACTURES—Concluded.						
Clothing, Men's, including Shifts.....	5	30,656	3,416	853	2,100	37,030
Coffins, Burial Cases and Undertakers' Goods.....	3	55,926	9,206	.....	2,400	67,532
Confectionery and Ice Cream Products.....	9	73,408	8,818	1,608	11,419	95,253
Copper, Tin and Sheet Iron Products.....	6	130,638	22,761	1,348	10,950	155,697
Custom Tailoring, Men's and Women's.....	20	89,870	5,254	3,443	12,332	110,899
Fertilizers.....	3	109,817	10,780	.....	11,538	132,135
Flour Mill and Grist Mill Products.....	10	78,979	11,888	4,672	11,350	106,887
Forgings.....	10	322,675	24,770	.....	15,580	363,005
Foundry and Machine Shop Products.....	10	267,754	53,755	2,843	210,823	3,446,175
Furniture and Refrigerators.....	41	208,764	20,532	150	6,180	235,556
Gas and Electric Fixtures and Lamps and Reflectors.....	9	435,383	7,320	.....	21,147	463,834
Glass.....	6	577,750	21,500	.....	54,534	653,834
Glass Cutting, Staining and Ornamenting.....	3	65,218	3,765	.....	7,370	76,353
Liquors, Malt.....	6	109,546	13,041	16,441	16,739	153,375
Lumber and Planing Mill Products.....	6	514,913	68,204	7,576	26,800	626,358
Marble and Stone Works.....	18	216,925	26,776	1,200	22,740	274,016
Millinery and Lace Goods.....	6	32,869	1,961	1,500	1,500	37,530
Mineral and Soda Waters.....	5	48,334	7,753	3,759	4,463	64,344
Miscellaneous Goods.....	4	25,754	3,740	1,660	4,200	33,254
Optical Goods.....	3	25,100	16,100	2,389	11,200	54,789
Paint and Varnish.....	4	38,601	18,669	2,725	16,000	75,985
Patent Medicines and Drug Compounds.....	3	34,576	14,624	.....	10,575	59,775
Printing and Publishing.....	45	806,747	232,876	80,553	91,082	1,211,282
Shoe Cases.....	4	68,018	5,110	2,600	13,140	88,868
Shops and Advertising Novelties.....	4	35,986	4,680	2,344	7,500	50,510
Slaughtering and Meat Packing.....	4	131,453	16,694	8,523	10,684	167,359
Stationery Goods.....	3	24,965	1,650	.....	1,900	28,515
Stereotyping and Electrotyping.....	5	76,694	12,306	1,066	4,680	93,775
Stoves and Furnaces.....	7	176,314	12,643	.....	10,700	199,657
Tobacco Manufactures.....	4	54,508	1,336	.....	4,460	60,804
SERVICE—						
Carrington.....	14	98,843	13,976	16,736	19,980	149,535
Hotels.....	18	280,552	55,207	4,200	32,203	372,162
Laundries and Dry Cleaners.....	21	293,042	30,344	5,148	29,063	367,583

Office Buildings	12	74,332	4,229	.....	5,710	84,281
Restaurants	13	146,692	9,311	.....	5,630	161,033
Saloons	11	56,406	2,537	.....	.....	72,570
Theaters	4	63,461	.....	13,328	4,712	68,173
Undertakers	4	21,643	2,184	.....	3,600	27,427
TRADE, WHOLESALE AND RETAIL—						
Offices	32	136,336	310,854	23,013	59,572	528,775
Delivery, Milk, Ice and Water	4	140,580	16,635	4,818	11,749	173,783
Retail and Wholesale Stores	268	1,444,207	684,497	1,403,019	459,706	3,891,429
Yards, Coal and Lumber	36	179,322	35,762	12,137	31,640	239,751
TRANSPORTATION AND PUBLIC UTILITIES—						
Cartage (Drayage) and Storage, including Livery Stables	21	177,715	34,177	3,400	23,440	238,732
Electric Railroads	5	1,143,852	33,065	19,200	59,800	1,320,947
Telegraph and Telephone	4	726,443	164,529	.....	55,133	946,106

HAMILTON COUNTY

ALL INDUSTRIES	3,113	\$58,495,005	\$10,138,790	\$4,456,376	\$4,531,363	\$77,621,524
AGRICULTURE—						
Florists, Fruit Growers, Nurserymen and Seedsmen	7	42,331	14,516	15,040	10,454	82,341
CONSTRUCTION—						
Brick, Stone and Cement Work	55	368,581	9,487	3,250	14,185	395,503
Electrical Contracting	18	133,575	24,383	11,450	4,380	178,768
General Contracting	117	1,535,218	67,596	100	59,767	1,686,681
Painting and Decorating	54	330,548	11,658	4,288	3,944	350,438
Plastering	13	49,949	.....	.....	1,300	51,249
Plumbing and Steam Fitting	44	311,844	32,194	10,904	14,896	369,938
Sand and Gravel Excavating	6	50,065	2,166	.....	3,060	56,291
Sheet Metal Work and Roofing	37	213,709	21,089	15,188	13,817	263,803
<i>Grand Total of Hamilton County</i>	38	252,423	14,292	.....	7,419	274,134

TABLE VII—Continued.
HAMILTON COUNTY — Continued

Industry.	Number of establishments reporting.	Total wage and salary payments.				Grand total.
		To wage earners.	To book-keepers, stenographers and office clerks.	To sales-people (not travelling).	To superintendents and managers.	
MANUFACTURES—Concluded.						
Brushes.....	4	54,641	13,606	1,690	6,740	76,677
Butter, Cheese and Condensed Milk.....	7	59,861	9,551	4,913	5,295	79,620
Canning and Preserving Fruits and Vegetables.....	6	35,252	5,137	3,000	4,040	47,430
Carriages, Wagons and Wood Distillation.....	48	681,703	88,953	1,440	36,271	808,367
Chemicals, Acids and Wood Distillation.....	16	153,743	30,310	1,820	24,089	209,962
Clocks and Watches, including Cases and Materials.....	3	43,709	3,243	.....	8,320	55,272
Clothing, Men's, including Shirts.....	83	2,567,352	351,168	25,398	128,660	3,070,578
Clothing, Women's.....	27	605,186	44,332	8,429	66,145	723,092
Coffee, Solves and Peanuts, Roasting and Grinding.....	9	69,219	22,233	9,755	23,200	124,407
Confectionery and Ice Cream.....	25	389,422	47,465	3,765	32,838	473,529
Cooperage and Related Wooden Goods.....	12	244,685	12,350	31,048	31,048	298,083
Copper, Tin and Sheet Iron Products.....	32	869,725	132,530	7,387	47,267	1,056,909
Cotton Goods, including Cotton Small Wares.....	3	63,700	5,605	.....	3,100	72,405
Custom Tailoring, Men's and Women's.....	53	311,674	19,215	8,358	3,752	346,489
Electrical Machinery, Apparatus and Supplies.....	19	992,711	252,204	16,073	93,720	1,354,708
Engraving and Die Stamping.....	3	28,756	676	.....	1,800	30,781
Fancy Articles.....	4	187,586	32,878	.....	6,680	227,153
Fertilizers.....	6	179,937	33,109	.....	22,274	235,320
Flax, Banners and Regalia.....	4	76,966	12,001	7,129	7,129	102,225
Flavoring Extracts.....	7	18,392	9,561	3,536	9,866	41,352
Flour Mill and Grain Mill Products.....	11	91,798	31,142	3,549	10,078	136,562
Forgings.....	3	147,884	17,529	.....	423,308	174,488
Foundry and Machine Shop Products.....	172	9,084,420	1,035,609	70,651	10,564,988	10,564,988
Furniture and Machine Shop Products.....	6	86,225	15,646	.....	16,120	117,991
Furniture and Refrigerators.....	40	1,244,436	87,712	17,002	68,002	1,417,151
Gas and Electric Fixtures and Lamps and Reflectors.....	3	216,525	8,121	.....	10,910	234,656
Glass Cutting, Staining and Ornamenting.....	8	106,208	10,688	4,344	7,874	128,114
Grain and Tallow.....	4	128,657	19,713	.....	1,560	149,938
Hair-work.....	5	60,802	2,246	928	8,110	72,084
Hats and Caps, other than felt, straw and wool.....	7	99,858	6,245	.....	6,140	112,753
Ice, Manufactured.....	20	169,355	45,228	2,996	27,580	245,769
Iron, Castings.....	6	224,235	62,083	3,640	36,440	326,498
Jewelry, Turned, Curried and Finished.....	14	186,763	27,761	.....	11,680	226,204
Leather, Tanned, Curried and Finished.....	12	436,597	17,012	9,560	9,560	482,189
Liquors, Distilled.....	3	117,086	21,666	7,800	7,800	146,552

Liquors, Malt.....	19	1,456,186	186,881	84,607	98,224	1,824,888
Looking Glass and Picture Frames.....	3	36,147	9,776	938	5,920	116,078
Lumber and Planing Mill Products.....	46	1,300,523	140,137	24,536	78,476	1,643,731
Metal and Stone Works.....	11	112,468	16,792	.....	1,620	131,080
Mattresses and Spring Beds.....	10	289,582	36,434	3,600	21,375	330,991
Milinery and Lace Goods.....	9	127,561	21,952	17,890	4,580	171,973
Mineral and Soda Waters.....	11	66,241	8,398	5,624	4,638	84,851
Mirrors.....	2	24,918	2,080	1,200	1,900	29,598
Models and Patterns, not including Paper Patterns.....	10	114,744	3,815	.....	8,332	127,491
Optical Goods.....	6	19,519	6,505	4,169	1,660	31,853
Paint and Varnish.....	19	325,513	78,358	13,235	60,332	477,498
Paper and Wood Pulp.....	4	334,853	26,663	.....	23,490	385,006
Patent Medicines and Drug Compounds.....	14	98,131	48,177	.....	19,075	165,383
Photo-Engraving.....	9	102,667	13,715	9,094	8,011	133,487
Pianos, Organs and Materials.....	8	466,470	29,960	3,170	14,715	514,305
Pottery, Terra-Cotta and Fire Clay Products.....	4	82,044	10,407	4,789	7,520	104,740
Printing and Publishing.....	163	3,497,210	773,708	125,477	354,105	4,760,500
Pumps, not including Steam Pumps.....	4	38,605	4,455	.....	.....	43,060
Safes and Vaults.....	4	290,369	32,770	.....	4,897	328,036
Signs and Advertising Novelties.....	13	192,527	39,641	100	36,286	267,534
Slaughtering and Meat Packing.....	21	770,651	82,151	48,206	46,504	947,512
Soap and Candles.....	11	1,260,652	389,231	.....	126,710	1,777,191
Stationery Goods.....	4	53,202	17,300	4,758	3,120	78,380
Stereotyping and Electrotyping.....	5	119,924	21,015	4,417	8,564	150,847
Stores and Furnaces.....	10	559,961	87,979	.....	31,233	683,590
Surgical Appliances and Artificial Limbs.....	3	48,186	8,165	884	2,000	59,186
Tobacco Manufactures.....	45	913,103	59,709	7,353	23,896	1,004,061
Trunks and Valises.....	6	66,565	3,738	3,895	1,650	76,828
Window Shades and Fixtures.....	3	50,513	10,478	780	6,794	68,555
Wirework, including Wire Rope and Cable.....	7	50,799	5,688	.....	7,077	63,564
SERVICE—						
Amusement Parks.....	6	115,312	10,011	.....	11,350	136,673
Barbers.....	9	47,560	320	.....	1,976	49,856
Garages.....	30	244,953	44,367	34,046	36,962	360,918
Hotels.....	41	861,639	197,705	.....	.....	.....
Laundries and Dry Cleaning.....						

TABLE VII—Continued.
HAMILTON COUNTY — Concluded

Industry.	Number of establishments reporting.	Total wage and salary payments.				Grand total.
		To wage earners.	To book-keepers, stenographers and office clerks.	To sales-people (not traveling).	To super-intendents and managers.	
TRANSPORTATION AND PUBLIC UTILITIES—						
Cartage (Drayage) and Storage, including Livery Stables.....	66	623,440	55,023	4,299	39,172	721,939
Electric Light and Power.....	3	399,913	108,624	31,211	34,560	544,308
Electric Railroads.....	7	2,210,029	64,717	.....	35,520	2,310,266
Telegraph and Telephone.....	6	744,098	167,624	2,485	39,299	953,506
Transportation by Water, including Stevedoring.....	3	90,233	1,800	.....	3,600	95,733
JEFFERSON COUNTY						
ALL INDUSTRIES	131	\$5,703,556	\$472,408	\$157,610	\$245,818	\$7,579,392
CONSTRUCTION—						
General Contracting.....	8	49,508	2,310	.....	.....	52,218
Street, Road and Sewer Contracting.....	5	39,911	328	.....	1,790	41,629
MANUFACTURES—						
Brick and Tile.....	3	72,178	4,000	1,400	4,900	87,378
Pottery, Terra-Cotta and Fire Clay Products.....	15	874,433	23,033	4,500	43,669	945,640
Printing and Publishing.....	4	79,969	8,274	1,625	6,830	106,678
SERVICE—						
Laundries and Dry Cleaners.....	4	16,034	2,715	.....	5,980	25,229
TRADE, WHOLESALE AND RETAIL—						
Retail and Wholesale Stores.....	27	77,423	47,512	132,433	19,242	276,612
TRANSPORTATION AND PUBLIC UTILITIES—						
Telegraph and Telephone.....	4	25,774	1,560	.....	967	28,301

LICKING COUNTY

ALL INDUSTRIES	148	\$2,946,613	\$147,971	\$118,771	\$182,709	\$2,397,064
CONSTRUCTION—						
Oil and Gas Drilling.....	6	36,826	200	.....	3,600	40,726
Street, Road and Sewer Contracting.....	3	30,331	518	.....	1,649	33,088
MANUFACTURES—						
Bread and other Bakery Products.....	6	22,654	600	5,642	1,500	30,396
Foundry and Machine Shop Products.....	5	24,572	3,879	.....	3,744	32,196
Glass	5	1,066,239	26,882	.....	18,183	1,130,334
Printing and Publishing.....	4	45,638	3,580	.....	5,270	54,496
Tobacco Manufactures	4	42,165	1,198	.....	3,600	47,963
SERVICE—						
Laundries and Dry Cleaners.....	3	27,858	1,769	.....	3,120	32,747
TRADE, WHOLESALE AND RETAIL—						
Retail and Wholesale Stores.....	29	44,337	18,988	87,889	26,823	178,037
Yards, Coal and Lumber.....	5	21,795	3,712	1,500	6,506	33,513
TRANSPORTATION AND PUBLIC UTILITIES—						
Telegraph and Telephone.....	8	57,638	6,110	72	6,969	70,819

LORAIN COUNTY

ALL INDUSTRIES	245	\$8,033,292	\$473,376	\$173,804	\$337,556	\$9,088,017
CONSTRUCTION—						
General Contracting	25	123,351	4,905	700	4,232	143,188
Plumbing and Steam Fitting.....	6	23,633	9,214	1,632	1,508	35,987

TABLE VII—Continued.
 LORAIN COUNTY—Concluded

Industry.	Number of establishments reporting.	Total wage and salary payments.				Grand total.
		To wage earners.	To book-keepers, stenographers and office clerks.	To sales-people (not traveling).	To superintendents and managers.	
TRADE, WHOLESALE AND RETAIL—						
Retail and Wholesale Stores.....	47	56,015	17,578	127,807	27,068	228,568
Yards, Coal and Lumber.....	10	51,528	6,752	3,019	7,669	69,346
TRANSPORTATION AND PUBLIC UTILITIES—						
Curlings, Drayage and Storage, including Livery Stables.....	6	35,114	.....	.....	.....	35,114
Electric Light and Power.....	3	40,732	6,135	1,362	9,259	68,140
Telegraph and Telephone.....	8	52,007	5,411	.....	12,417	89,835
LUCAS COUNTY						
ALL INDUSTRIES	1,118	\$20,031,012	\$4,131,751	\$1,910,642	\$2,162,896	\$38,236,311
AGRICULTURE—						
Florists, Fruit Growers, Nurserymen and Seedsmen.....	14	70,526	1,596	1,220	2,700	76,012
CONSTRUCTION—						
Brick, Stone and Cement Work.....	45	191,432	3,254	.....	6,549	201,235
Electrical Contracting.....	8	56,420	9,858	.....	7,546	83,772
General Contracting.....	80	1,610,857	127,865	6,379	79,823	1,819,535
Painting and Decorating.....	10	115,545	8,708	.....	7,800	146,885
Paving.....	12	169,339	14,719	14,672	8,605	197,321
Plumbing and Steam Fitting.....	3	83,621	1,300	.....	2,300	97,221
Sand and Gravel Excavating.....	20	131,557	5,706	.....	11,250	157,513
Sheet Metal Work and Roofing.....	27	284,885	4,763	227	1,000	300,587
Street, Road and Sewer Contracting.....	4	34,614	7,016	1,300	1,300	44,130
Ventilating and Heating.....	.....	.....	.....	.....	.....	.....
FISHERIES—						
Fisheries.....	5	19,508	2,685	.....	5,500	27,693
MANUFACTURES—						
Automobiles, including Bodies and Parts.....	8	9,101,080	760,070	.....	286,825	10,058,214
Awnings, Tents and Sails.....	6	116,717	39,012	7,000	7,184	162,913
Boxes, Fancy and Paper.....	4	31,306	2,618	.....	9,755	44,178

Brass and Bronze Products.....	3	122,954	6,901	79,408	2,880	132,735
Bread and other Bakery Products.....	23	287,238	19,659	10,440	26,905	413,210
Butter, Cheese and Condensed Milk.....	5	73,985	10,440	1,940	7,956	93,620
Brick and Tile.....	5	124,152	6,837	.....	2,717	134,806
Carrriages and Sleds, Children's.....	4	653,559	44,778	.....	28,158	725,506
Carrriages, Wagons and Materials.....	11	598,485	39,967	.....	18,028	806,170
Clothing, Women's.....	9	552,765	47,159	.....	63,760	663,624
Coffee, Spices and Peanuts, Roasting and Grinding.....	6	123,420	72,439	.....	32,529	228,488
Confectionery and Ice Cream.....	8	60,467	8,976	10,830	5,900	80,763
Copper, Tin and Sheet Iron Products.....	4	30,252	2,711	.....	40,420	531,697
Custom Tailoring, Men's and Women's.....	13	453,766	37,411	.....	4,100	28,536
Cutlery and Tools.....	5	24,168	568	.....	4,100	66,177
Electrical Machinery, Apparatus and Supplies.....	4	53,704	7,323	18,422	22,531	408,062
Flour Mill and Grist Mill Products.....	9	251,930	76,179	1,883	16,960	272,790
Foundry and Machine Shop Products.....	12	225,563	23,994	16,265	152,321	4,184,515
Furniture and Refrigerators.....	52	3,650,534	366,566	.....	29,525	296,534
Gas and Electric Fixtures and Lamps and Reflectors.....	16	236,222	30,487	7,040	10,972	93,238
Glass.....	6	60,998	14,278	.....	46,236	892,802
Glass, Cutting, Staining and Ornamenting.....	6	769,087	77,469	.....	4,968	61,821
Kaolin and Ground Barths.....	5	52,906	3,647	.....	4,968	61,821
Liquors, Malt.....	3	33,081	1,615	.....	6,886	41,221
Lumber and Planing Mill Products.....	7	342,791	41,013	.....	56,332	439,136
Marble and Stone Works.....	22	462,815	53,312	11,815	549,407	46,122
Mineral and Soda Waters.....	5	56,222	3,020	.....	31,465	43,249
Optical Goods.....	4	23,854	8,367	2,048	4,000	46,713
Paint and Varnish.....	4	32,328	5,976	2,948	4,461	42,383
Patent Medicines and Drug Compounds.....	4	26,702	9,468	.....	8,019	14,686
Petroleum Refining.....	6	23,600	10,774	.....	110,210	313,156
Printing and Publishing.....	3	243,835	54,636	83,817	.....	1,122,689
Ship Building and Boat Building.....	40	692,072	236,600	20,374	.....	290,633
Slaughtering and Meat Packing.....	4	265,139	13,883	.....	6,915	217,529
Tobacco Manufactures.....	5	168,182	22,048	.....	16,500	292,951
Wirework, including Wire Rope and Cable.....	5	265,706	11,745	.....	.....	51,516
.....	5	46,124	6,392	.....	.....	.....
SERVICE—						
Garages.....	16	102,165	23,527	30,916	31,025	188,633
.....	14	969,707	59,697	.....	49,381	968,712

TABLE VII—Continued.
MAHONING COUNTY

Industry.	Number of establishments reporting.	Total wage and salary payments.				Grand total.
		To wage earners.	To book-keepers, stenographers and office clerks.	To sales-people (not traveling).	To superintendents and managers.	
ALL INDUSTRIES	442	\$25,194,235	\$2,746,890	\$808,325	\$1,107,834	\$29,657,284
CONSTRUCTION—						
Brick, Stone and Cement Work	16	60,032	1,032	.....	.....	61,114
Electrical Contracting	5	31,555	3,204	1,873	5,810	42,442
General Contracting	53	692,906	18,423	2,713	54,233	768,171
Painting and Decorating	7	55,573	1,855	4,553	9,890	67,771
Plumbing and Steam Fitting	16	113,631	9,077	.....	9,890	137,548
Sheet Metal Work and Roofing	11	78,906	9,566	1,174	5,980	95,526
Street, Road and Sewer Contracting	20	146,336	6,069	.....	2,333	154,738
MANUFACTURES—						
Artificial Stone	7	49,741	2,160	.....	4,689	56,570
Brick Furnace Products	7	1,286,078	46,213	.....	43,838	1,376,222
Bread and other Bakery Products	8	45,738	2,631	9,119	14,106	74,606
Confectionery and Ice Cream	8	26,082	2,680	6,199	2,040	38,001
Foundry and Machine Shop Products	18	1,857,016	315,707	1,063	79,826	2,253,612
Liquors, Malt	3	113,022	12,043	.....	29,223	154,302
Lumber and Planing Mill Products	8	59,043	7,406	.....	7,200	73,648
Pottery, Terra-Cotta and Fire Clay Products	6	1,027,739	43,408	.....	29,051	1,100,246
Printing and Publishing	10	203,202	94,792	6,719	39,436	344,149
Steel Works and Rolling Mills	14	14,867,260	1,210,765	.....	321,353	16,409,378
SERVICE—						
Canneries	9	53,247	8,627	11,911	18,356	92,241
Hotels	6	120,690	19,256	.....	6,537	146,483
Laundries and Dry Cleaners	5	139,682	7,097	.....	5,580	152,359
Office Buildings	5	28,220	3,554	.....	3,180	35,054
Restaurants	6	43,779	1,504	.....	1,921	47,204
TRADE, WHOLESALE AND RETAIL—						
Offices	4	35,289	10,893	1,800	11,594	59,621
Retail and Wholesale Stores	72	516,143	179,815	543,718	146,972	1,286,648
Yards, Coal and Lumber	17	244,432	57,867	9,480	32,996	324,875

TRANSPORTATION AND PUBLIC UTILITIES—

Cartage (Drayage) and Storage, including Livery Stables.....	13	82,481	8,306	.....	2,400	93,187
Electric Railroads.....	4	844,993	128,439	.....	50,110	1,023,542
Natural Gas.....	3	58,447	15,997	.....	3,000	77,618
Telephone.....	7	144,410	14,521	.....	5,780	164,711

MONTGOMERY COUNTY

ALL INDUSTRIES	824	\$19,417,124	\$2,359,569	\$1,165,562	\$1,028,185	\$24,560,389
AGRICULTURE—						
Florists, Fruit Growers, Nurserymen and Seedsmen.....	3	22,757	1,945	3,024	1,800	29,538
General Farming.....	4	44,085	.....	.....	1,427	45,512
CONSTRUCTION—						
Brick, Stone and Cement Work.....	23	79,280	2,171	1,121	13,859	96,531
Electrical Contracting.....	4	28,563	9,503	3,923	1,600	42,539
General Contracting.....	58	550,788	20,497	.....	31,493	602,778
Painting and Decorating.....	15	72,716	3,066	12,078	3,436	91,298
Plumbing and Steam Fitting.....	22	193,632	34,192	.....	13,828	241,652
Sand and Gravel Excavating.....	7	26,947	3,132	195	3,782	33,656
Sheet Metal Work and Roofing.....	16	71,532	7,078	1,665	3,660	83,835
Street, Road and Sewer Contracting.....	19	139,141	26,492	.....	24,313	190,946
MANUFACTURES—						
Agricultural Implements.....	3	132,029	12,212	.....	5,640	149,881
Automobiles, including Bodies and Parts.....	6	1,524,742	62,372	.....	24,494	1,613,116
Boxes, Fancy and Paper.....	6	134,215	16,284	508	10,095	160,624
Brass and Bronze Products.....	7	206,540	26,540	.....	23,084	248,813
Bread and other Bakery Products.....	17	189,103	16,016	22,148	.....	227,762
Carriages, Wagons and Materials.....	11	121,026	16,016	.....	21,565	146,893
Cash Registers and Calculating Machines.....	9	3,460,101	440,798	.....	406,221	3,946,120
Clothing, Men's, including Shirts.....	3	62,492	4,338	.....	1,664	68,483
Confectionery and Ice Cream.....	8	70,828	11,159	6,789	2,000	80,776

TABLE VII—Continued.
MONTGOMERY COUNTY — Concluded

Industry.	Number of establishments reporting.	Total wage and salary payments.				Grand total.
		To wage earners.	To book-keepers, stenographers and office clerks.	To sales-people (not traveling).	To superintendents and managers.	
MANUFACTURES—Concluded.						
Soap and Candles.....	6	52,550	15,252	.....	12,100	79,902
Stationery Goods.....	3	40,562	6,395	.....	5,700	52,658
Tobacco Manufactures.....	45	892,632	20,678	6,724	47,446	877,480
Toys and Games.....	3	72,705	7,252	.....	2,000	81,957
SERVICE—						
Garages.....	13	75,402	9,142	16,635	7,970	109,149
Hotels.....	12	182,436	31,002	1,440	6,675	221,553
Laundries and Dry Cleaners.....	10	184,770	22,929	.....	25,072	232,781
Office Buildings.....	7	65,682	3,448	.....	80,220	80,220
Restaurants.....	10	72,884	2,767	.....	2,566	78,217
Saloons.....	7	41,517	624	.....	1,500	43,641
TRADE, WHOLESALE AND RETAIL—						
Offices.....	18	4,844	91,783	93,532	41,838	231,997
Retail Delivery, Milk, Ice and Water.....	8	51,589	7,197	6,691	10,959	76,446
Retail and Wholesale Stores.....	131	636,340	266,041	863,760	192,453	1,968,594
Yards, Coal and Lumber.....	28	148,158	30,829	5,060	9,569	193,636
TRANSPORTATION AND PUBLIC UTILITIES—						
Curtage (Drayage) and Storage, including Livery Stables.....	14	63,124	10,393	.....	1,975	76,032
Electric Railroads.....	5	406,096	18,844	2,311	22,960	451,211
Telegraph and Telephone.....	7	211,940	33,170	243	2,248	247,601

MUSKINGUM COUNTY

ALL INDUSTRIES	249	\$3,670,393	\$277,181	\$236,380	\$278,363	\$4,463,327
CONSTRUCTION—						
General Contracting.....	10	76,037	2,050	.....	6,820	83,907
Excavating.....	11	39,720	1,601	.....	5,857	46,278
Street, Road and Sewer Contracting.....	5	54,947	1,300	.....	2,275	59,122

TABLE VII—Continued.
STARK COUNTY — Concluded

Industry.	Number of establishments reporting.	Total wage and salary payments.				Grand total.
		To wage earners.	To book-keepers, stenographers and office clerks.	To sales-people (not traveling).	To super-intendents and managers.	
MANUFACTURES—Concluded.						
Furniture and Refrigerators.....	3	53,810	5,298	.....	1,971	61,077
Gas and Electric Fixtures and Lamps and Reflectors.....	2	98,712	14,012	.....	10,810	123,534
Liquors, Malt.....	2	38,740	15,812	.....	16,800	70,352
Lumber and Planing Mill Products.....	2	33,394	2,526	2,368	.....	44,688
Pottery, Terra-Cotta and Fire Clay Products.....	4	301,324	11,140	.....	.....	312,464
Printing and Publishing.....	13	239,566	75,612	15,584	.....	330,762
Rubber Products.....	17	265,267	52,474	.....	24,282	342,023
Steel Works and Rolling Mills.....	4	2,323,346	160,816	17,283	51,896	2,553,341
Stoves and Furnaces.....	3	46,869	6,417	600	10,800	64,886
Toys and Games.....	3	73,581	7,622	.....	4,027	85,240
SERVICE—						
Garages.....	8	72,015	8,428	10,269	6,260	96,972
Hotels.....	8	86,960	10,415	.....	4,620	102,995
Laundries and Dry Cleaners.....	7	146,282	6,568	4,388	8,668	166,906
Offices.....	8	576	19,264	47,862	8,889	76,090
Restaurants.....	5	69,883	620	.....	.....	70,503
Theaters.....	3	27,875	1,415	.....	4,566	33,856
TRADE—						
Retail Delivery, Milk, Ice and Water.....	4	61,160	6,370	.....	4,200	71,780
Retail and Wholesale Stores.....	113	324,770	134,364	471,794	117,486	1,048,364
Yards, Coal and Lumber.....	22	142,783	28,979	.....	10,729	182,491
TRANSPORTATION AND PUBLIC UTILITIES—						
Carriage (Drayage) and Storage, including Livery Stables.....	8	69,324	5,237	.....	13,228	97,889
Electric Light and Power.....	3	124,332	18,462	11,677	20,867	175,338
Telegraph and Telephone.....	11	162,314	17,302	.....	10,179	190,795

SUMMIT COUNTY

ALL INDUSTRIES	509	\$29,090,965	\$4,298,370	\$936,542	\$1,137,166	\$35,343,043
CONSTRUCTION—						
Brick, Stone and Cement Work.....						
General Contracting.....	13	89,339	500		2,100	91,939
Painting and Decorating.....	55	795,297	16,371		18,221	820,689
Plumbing and Steam Fitting.....	7	58,268	215	780		59,483
Sand and Gravel Excavating.....	13	144,628	11,611		5,390	161,617
Sheet Metal Work and Roofing.....	3	76,737	4,290		3,693	84,693
Street, Road and Sewer Contracting.....	7	70,075	7,218		6,040	83,333
	10	140,529	3,568		5,660	149,747
MANUFACTURES—						
Bread and other Bakery Products.....	9	75,743	4,943	34,392	19,605	134,683
Brick and Tile.....	6	80,722	4,322		13,091	98,136
Flour Mill and Grist Mill Products.....	5	24,696	4,986		4,610	34,292
Foundry and Machine Shop Products.....	31	2,156,734	213,831	3,000	121,488	2,495,053
Liquors, Malt.....	3	145,715	21,180		10,581	177,438
Lumber and Planing Mill Products.....	7	253,134	26,323		7,933	317,400
Paper and Wood Pulp.....	5	155,947	8,524		14,000	178,471
Pottery, Terra-Cotta and Fire Clay Products.....	19	989,516	63,899		23,823	1,082,343
Printing and Publishing.....	21	496,395	61,320		72,214	630,040
Rubber Products.....	25	18,229,133	3,136,564	29,011	366,663	21,733,088
Stoves and Furnaces.....	5	305,198	32,561	723	17,740	356,497
SERVICE—						
Garages.....	3	36,535	4,122	6,260	5,560	52,527
Hotels.....	4	72,033	9,516		9,980	92,529
Laundries and Dry Cleaners.....	12	121,427	6,453	555	13,894	142,324
Office Buildings.....	3	24,990	986		3,792	29,768
Restaurants.....	15	86,226	804	1,246	4,594	92,874
Saloons.....	5	49,519	1,040		2,890	53,419
TRADE, WHOLESALE AND RETAIL—						
Offices.....	5		57,181	6,900	1,320	65,101
Retail and Wholesale Stores.....	91	517,499	193,874	820,269	190,719	1,722,351
Yards, Coal and Lumber.....	23	224,946	35,620	10,798	16,910	287,274
TRANSPORTATION AND PUBLIC UTILITIES—						
Carriage (Drayage) and Storage, including Livery Stables.....	7	48,913	7,198		3,976	60,087
Natural Gas.....	3	73,889	16,114		4,260	94,263
Telegraph and Telephone.....	6	143,305	21,770	150	4,710	174,955

TABLE VII—Continued.
STARK COUNTY — Continued

Industry.	Number of establishments reporting.	Total wage and salary payments.				Grand total.
		To wage earners.	To book-keepers, stenog-raphers and office clerks.	To sales-people (not traveling).	To super-intendents and man-agers.	
	3	53,810	5,296	.....	1,971	61,077
	3	60,712	14,012	.....	10,810	85,534
	3	97,140	16,872	.....	16,800	124,682
	3	2,556	.....	2,368	.....	44,688
	3	11,110	.....	.....	12,382	414,846
	3	.....	16,694	.....	26,262	367,314
	3	.....	.....	.....	27,653	380,376
	3	.....	.....	.....	.....	2,552,850

Grist Mill and Flour
Machine Shop
Cotta and Fire Clay Pro-
ducing.....

WHOLESALE AND RETAIL—
Retail and Wholesale Stores,
Yards, Coal and Lumber.....

TRANSPORTATION AND PUBLIC UTILITIES—
Telegraph and Telephone.....

6

23,424

3,060

TABLE VII—Concluded.

TRUMBULL COUNTY

Industry.	Number of estab- lishments reporting.	Total wage and salary payments.					Grand total.
		To wage earners.	To book- keepers, stenog- raphers and office clerks.	To sales- people (not traveling).	To super- intendents and man- agers.		
ALL INDUSTRIES	182	\$6,863,905	\$480,871	\$77,122	\$328,628	\$7,738,516	
CONSTRUCTION—							
General Contracting	13	96,807	2,583	.....	4,500	102,890
Sheet Metal Work and Roofing	4	19,869	3,160	.....	1,900	27,221
Street, Road and Sewer Contracting	8	40,814	.....	1,900	1,447	42,261
MANUFACTURES—							
Brick and Tile	2	20,655	717	425	3,365	25,162	
Butter, Cheese and Condensed Milk	8	34,990	.....	.....	3,804	38,794
Cars, Steam Railroads not including operations of Railroad Companies	3	217,466	12,342	.....	9,450	239,259
Copper, Tin and Sheet Iron Products	7	228,457	41,827	.....	25,219	297,603
Electrical Machinery, Apparatus and Supplies	4	187,434	36,876	2,100	11,340	235,650	
Flour Mill and Grist Mill Products	4	19,725	2,476	.....	3,300	25,501
Furniture and Machine Shop Products	14	1,068,831	182,070	.....	38,516	1,319,417
Furniture and Refrigerators	3	55,701	696	.....	7,310	63,707
Steel Works and Rolling Mills	7	3,194,918	59,278	.....	43,266	3,297,552
TRADE, WHOLESALE AND RETAIL—							
Retail and Wholesale Stores	15	39,595	10,537	68,733	29,612	148,477	
Yards, Coal and Lumber	12	53,156	12,601	1,040	11,600	78,397	
TRANSPORTATION AND PUBLIC UTILITIES—							
Telegraph and Telephone	10	39,081	3,435	.....	5,073	47,541

TUSCARAWAS COUNTY

ALL INDUSTRIES	152	\$3,230,063	\$166,556	\$160,066	\$188,024	\$3,744,739
CONSTRUCTION—						
(General) Contracting	9	63,312	3,780	.....	1,900	69,943

MANUFACTURES—						
Brick and Tile.....	8	81,149	1,204	.....	4,393	86,746
Flour Mill and Grist Mill Products.....	7	18,690	2,760	.....	4,394	25,844
Foundry and Machine Shop Products.....	6	326,523	15,787	.....	8,941	351,251
Pottery, Terra-Cotta and Fire Clay Products.....	17	634,472	26,489	89,585	24,851	774,407
Printing and Publishing.....	5	20,693	5,900	.....	4,220	30,818
TRADE, WHOLESALE AND RETAIL—						
Retail and Wholesale Stores.....	23	59,759	16,368	67,152	29,562	172,841
Yards, Coal and Lumber.....	5	46,079	4,120	.....	4,200	54,399
TRANSPORTATION AND PUBLIC UTILITIES—						
Telegraph and Telephone.....	5	28,424	3,060	.....	3,231	34,715

TABLE VIII—DAYS IN OPERATION, BY INDUSTRIES.

(The first section of this table presents data for the State and the second section for each of the 20 counties having a population of 50,000 or over in 1910. For the State and for each of the counties indicated every industry is shown as in Table I (Rates of Wages of Wage Earners, by Industries). The manufacturing industries are grouped alphabetically under sub-groups for the State and alphabetically under the general group "Manufactures," and without sub-groups, for each of the 20 counties.)

THE STATE.

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
ALL INDUSTRIES	15,708	489	393	546	1,009	2,932	7,918	2,421
AGRICULTURE	230	11	5	6	5	7	58	136
Dairy Farming	30						1	29
Florists, Fruit Growers, Nurserymen and Seedsmen	84	3		3	4		33	41
General Farming	102	2		2	1	6	24	67
Agriculture, not otherwise classified	14	6	5	1		1		1
CONSTRUCTION	2,240	220	160	196	325	432	822	85
Brick, Stone and Cement Work	228	53	18	29	59	33	34	2
Electrical Contracting	75	1	3	1	1	9	53	7
General Contracting	789	106	74	83	133	173	202	18
Oil and Gas Drilling	117	2	10	6	9	3	60	27
Painting and Decorating	135	4	6	12	14	33	63	3
Plastering	36	2	3	1	13	12	4	1
Plumbing and Steam Fitting	234	2	5	4	3	57	187	6
Sand and Gravel Excavating	74	6	7	15	21	13	10	2
Sheet Metal Work and Roofing	191	2	4	4	15	39	119	8
Street, Road and Sewer Contracting	304	28	28	36	57	51	94	11
Ventilating and Heating	13	1		1		3	8	
Construction, not otherwise classified	44	13	2	5		6	18	
FISHERIES	25					3	4	18
MANUFACTURES	7,478	218	192	283	572	2,150	3,900	453
<i>Chemicals and Allied Products.</i>	290	4		8	6	59	171	42
Baking Powder and Yeast	4					3		1
Chemicals, Acids and Wood Distillation	42	1		3	1	7	15	15
Explosives	7	1		2		2		2
Fertilizers	19	2		1		4	7	5
Grease and Tallow	19			1			13	5
Ink, Printing	8					2	6	
Paint and Varnish	72				1	19	51	1
Patent Medicines and Drug Compounds	48				1	6	40	1
Petroleum Refining	10						3	7
Salt	8			1		2	2	3
Soap and Candles	22					5	16	1
Chemicals and Allied Products, not otherwise classified	31				3	9	18	1
<i>Food and Kindred Products.</i>	1,117	67	20	23	50	123	637	197
Bread and other Bakery Products	332	5	4	5	4	12	224	78
Butter, Cheese and Condensed Milk	108	3			2	7	27	6
Canning and Preserving Fruits and Vegetables	78	42	7	4	4	8	13	1
Coffee, Spices and Peanuts, Roasting and Grinding	33	1			2	7	23	1
Confectionery and Ice Cream	102	2			4	26	41	29
Cordials and Syrups	6					4	2	
Flavoring Extracts	15					3	10	
Flour Mill and Grist Mill Products	341	10	7	12	33	46	233	10

TABLE VIII—Continued.

THE STATE—Continued.

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
MANUFACTURES—Continued.								
<i>Food and Kindred Products—</i>								
<i>Concluded.</i>								
Food Preparations	14		1	2	1	5	5	.....
Slaughtering and Meat Packing	77	1				4	66	.....
Sugar	5	3	1				1	.....
Food and Kindred Products, not otherwise classified.....	6					1	4	.....
<i>Iron and Steel and their Products</i>								
1,348	26	29	42	105	551	536	59	.....
Blast Furnace Products.....	23	2	2	3	2	3	3	13
Bolts, Nuts, Washers and Rivets, not made in Steel Works or Rolling Mills.....	16		1		2	9	4	.....
Cash Registers and Calculating Machines	13		1		1	9	2	.....
Cutlery and Tools.....	44	1	2		7	15	14	.....
Doors and Shutters.....	8		1			3	3	.....
Forgings	43	1			4	17	20	.....
Foundry and Machine Shop Products	873	17	18	24	51	382	359	22
Pumps, not including Steam Pumps	14					9	4	.....
Safes and Vaults.....	11				3	5	3	.....
Scales and Balances.....	4				2	1	1	.....
Sewing Machines, Cases and Attachments	4	1				3		.....
Springs, Steel, Car and Carriage	6			1		4	1	.....
Steel Works and Rolling Mills	51	2	1	3	6	20	10	.....
Stoves and Furnaces.....	87		2	6	16	35	26	.....
Tin Plate and Terneplate.....	5				1	4		.....
Wire	5			2		2	1	.....
Wirework, including Wire Rope and Cable.....	32			1	6	5	20	.....
Iron and Steel and their Products, not otherwise classified	104	2	1	2	4	25	65	.....
<i>Leather and its Finished Products</i>								
171	4	3	7	19	54	79	5	.....
Boots and Shoes, including Cut Stock and Findings.....	81	1	2	3	13	33	29	.....
Gloves and Mittens, Leather	6			1		3	1	.....
Leather, Tanned, Curried and Finished	24	1	1	1	2	5	13	.....
Trunks and Valises.....	16			1	1	4	10	.....
Leather and its Finished Products, not otherwise classified	44	2		1	4	9	26	.....
<i>Liquors and Beverages.....</i>								
197	4	3	4	5	8	144	29	.....
Liquors, Distilled	11	4			1		6	.....
Liquors, Malt	108		3	1		3	77	.....
Mineral and Soda Waters.....	61			1	3	4	51	.....
Liquors and Beverages, not otherwise classified	17			2	1	1	10	.....
<i>Lumber and its Remanufactures</i>								
754	38	29	50	82	253	294	8	.....
Baskets and Rattan and Willow Ware	22	1	2	2	2	8	7	.....
Boxes, Cigar	16				1	12	2	.....
Coffins, Burial Cases and Undertakers' Goods.....	20	1				8	11	.....
Cooperage and Related Wooden Goods	77	3	7	7	9	19	32	.....
Furniture and Refrigerators.....	158	3	1	9	15	62	65	.....
Looking Glass and Picture Frames	6					1	5	.....
Lumber and Planing Mill Products	404	28	15	27	47	121	162	.....
Matches	3			1		2		.....
Show Cases	8				1	5	2	.....
Wood, Turned and Carved.....	29	2	4	2	7	12		.....

TABLE VIII—Continued.

THE STATE—Continued.

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
MANUFACTURES—Continued.								
<i>Lumber and its Remanufactures—Concluded.</i>								
Lumber and its Remanufactures, not otherwise classified	11			2		3	6	
<i>Metals and Metal Products other than Iron and Steel.</i>	286	2	2	7	15	119	136	5
Brass and Bronze Products.	45				2	21	21	1
Clocks and Watches, including Cases and Materials.	7			1	3	3		
Copper, Tin and Sheet Iron Products	142	2	1	4	7	62	65	1
Gas and Electric Fixtures and Lamps and Reflectors.	38			2	3	14	17	2
Jewelry	20					7	13	
Metals and Metal Products other than Iron and Steel, not otherwise classified.	34		1			12	20	1
<i>Paper and Printing.</i>	843	4	5	4	14	175	606	35
Bags, Paper	6					3	3	
Boxes, Fancy and Paper	48			1	2	30	14	1
Paper and Wood Pulp.	49	2	1	1	9	25	10	1
Photo-Engraving	20					5	15	
Printing and Publishing.	673	2	3	1	3	98	533	33
Stereotyping and Electrotyping	19					1	18	
Paper and Printing, not otherwise classified	28		1	1		13	13	
<i>Rubber Products</i>	60	3	2	6	3	31	11	4
<i>Stone, Clay and Glass Products</i>	673	39	64	67	107	198	179	19
Artificial Stone.	72	3	3	6	14	20	26	
Brick and Tile.	214	20	39	32	38	46	37	2
Cement	8		2	2	3			1
Emery and other Abrasion Wheels	5				1	2	2	
Glass	39	2	1	5	5	19	6	1
Glass, Cutting, Staining and Ornamenting	22		1		3	10	8	
Kaolin and Ground Earths.	35	3	7	10	8	3	2	2
Lime	5			1		1	1	2
Marble and Stone Works.	73	1	2	1	12	28	26	3
Pottery, Terra-Cotta and Fire Clay Products.	180	10	8	10	21	66	58	7
Wall Plaster	8		1		1	1	4	1
Stone, Clay and Glass Products, not otherwise classified	12				1	2	9	
<i>Textiles</i>	599	5	11	18	60	196	300	9
Awnings, Tents and Sails.	25			1	2	4	18	
Bags, other than Paper	8					3	5	
Clothing, Men's, including Shirts	134		3	5	17	57	52	
Clothing, Women's	102	1	1	1	3	41	54	1
Cordage, Twine, Jute and Linen Goods	6		1		1	1	3	
Cotton Goods, including Cotton Small Wares.	6					2	4	
Custom Tailoring, Men's and Women's	155	2	1	4	18	26	98	6
Dyeing and Finishing Textiles	6					2	3	1
Flags, Banners and Regalia.	8				1	4	3	
Furnishing Goods, Men's	14			2	1	6	5	
Hats and Caps, other than Felt, Straw and Wool.	13				1	7	5	
Horse Clothing	3					3		
Hosiery and Knit Goods.	27		2		4	11	10	
Millinery and Lace Goods.	20			2	1	5	12	
Oilcloth and Linoleum.	4					2	2	
Shoddy	3						3	
Woolen, Worsted and Felt Goods	16				4	7	5	
Textiles, not otherwise classified	49	2	3	3	7	15	18	

TABLE VIII—Continued.

THE STATE—Continued

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
MANUFACTURES—Concluded.								
<i>Tobacco Manufactures</i>	223	9	9	14	42	90	56	3
<i>Vehicles for Land Transportation</i>	324	4	3	10	9	106	187	5
Automobiles, including Bodies and Parts.....	111	2	2	4	1	37	62	3
Bicycles, Motorcycles and Parts	8		1			4	3	
Carriages and Sleds, Children's	5			1		3	1	
Carriages, Wagons and Materials	185	2		5	8	57	112	1
Cars, Steam Railroad, not including operations of Railroad Companies	9					1	7	1
Cars, Street Railroad, not including operations of Railroad Companies	4					2	2	
Vehicles for Land Transportation, not otherwise classified	2					2		
<i>Miscellaneous Manufactures</i>	593	9	12	23	55	187	264	43
Agricultural Implements	47		2		4	26	15	
Brooms and Mops.....	21		1	1	1	9	8	1
Brushes	14	1				5	8	
Coke	3							3
Dentists' Materials	8		1			6	1	
Electrical Machinery, Apparatus and Supplies.....	90		1	2	3	34	48	2
Enameling and Japanning.....	4					2	1	
Fancy Articles	9					6	2	1
Ice, Manufactured	95	7	7	11	21	16	6	27
Instruments, Professional and Scientific	6					3	3	
Mattresses and Spring Beds.....	37			1	1	10	25	
Models and Patterns, not including Paper Patterns.....	36			1	1	16	16	2
Munitions	3			2			1	
Pianos, Organs and Materials	23				4	3	15	1
Roofing Materials	5						4	1
Ship Building, including Boat Building	17			1	4	5	6	1
Signs and Advertising								
Novelties	30				2	3	25	
Soda Water Apparatus.....	3					1	2	
Sporting and Athletic Goods.....	6				1	3	2	
Stationery Goods	21				1	8	12	
Toys and Games	20	1		2	5	6	6	
Umbrellas and Canes.....	8				1	2	5	
Washing Machines and Clothes Wringers	10				2	5	3	
Manufacturing Industries, not otherwise classified.....	77			1	4	18	50	4
SERVICE								
Amusement Parks	1,356	14	19	18	29	72	493	711
Barbers	32	4	11	4			3	10
Garages	17				1	2	14	
Hospitals	183	1	1	1	2	5	69	104
Hotels	10						1	9
Laundries and Dry Cleaners.....	240	4	1	3	2	2	13	215
Office Buildings	254	3	3		9	42	188	9
Restaurants	128			2	1	1	33	91
Saloons	212		1	4	3		41	163
Theaters	87			1	2	3	64	17
Service, not otherwise classified	95	2	2	3	4	9	13	62
	98				5	8	54	31

TABLE VIII—Continued.

THE STATE—Concluded.

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
TRADE	3,427	22	13	34	61	250	2,750	297
Offices	187	2	.....	1	2	32	147	3
Retail Delivery, Milk, Ice and Water	58	3	.....	2	.....	1	18	34
Retail and Wholesale Stores. Yards, Coal and Lumber.....	2,628	12	8	25	40	165	2,134	244
	554	5	5	6	19	52	461	16
TRANSPORTATION AND PUBLIC UTILITIES	952	4	4	9	17	18	191	709
Cartage (Drayage) and Storage, including Livery Stables	272	2	3	1	5	8	157	96
Electric Light and Power.....	106	1	.....	.....	.....	2	6	97
Electric Railroads	63	.....	.....	.....	.....	1	.....	62
Natural Gas	84	.....	.....	1	.....	.....	3	88
Pipe Lines (Petroleum)	8	.....	.....	.....	.....	.....	1	7
Steam Railroads	9	.....	.....	1	.....	.....	2	6
Telegraph and Telephone.....	336	1	.....	1	1	1	3	329
Transportation by Water, including Stevedoring	40	.....	1	5	11	5	14	4
Waterworks	19	.....	.....	.....	.....	.....	.....	19
Transportation and Public Utilities, not otherwise classified	15	.....	.....	.....	.....	1	5	9

ALLEN COUNTY

ALL INDUSTRIES	208	6	3	5	7	33	116	38
CONSTRUCTION— General Contracting	9	.....	.....	.....	3	2	4	.....
MANUFACTURES— Brick and Tile	4	1	2	.....	.....	1	.....	.....
Foundry and Machine Shop Products	13	.....	.....	.....	.....	8	5	.....
Lumber and Planing Mill Products	9	.....	.....	2	.....	2	4	1
Printing and Publishing	10	.....	.....	.....	.....	.....	8	2
Tobacco Manufactures	4	.....	.....	.....	.....	3	1	.....
SERVICE— Hotels	7	1	.....	1	.....	.....	.....	5
Laundries and Dry Cleaners.....	4	.....	.....	.....	.....	2	2	.....
TRADE— Retail and Wholesale Stores.....	46	.....	.....	.....	.....	.....	42	4
TRANSPORTATION AND PUBLIC UTILITIES— Telegraph and Telephone.....	7	.....	.....	.....	.....	.....	2	5

ASHTABULA COUNTY

ALL INDUSTRIES	134	6	3	3	9	14	62	37
AGRICULTURE— Florists, Fruit Growers, Nurserymen and Seedsmen	7	.....	.....	.....	.....	.....	3	4
CONSTRUCTION— General Contracting	5	1	.....	.....	3	.....	1	.....

TABLE VIII—Continued.
ASHTABULA COUNTY—Concluded

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
MANUFACTURES—								
Baskets and Rattan and Willow Ware.....	4	.....	.....	1	.....	2	1	.....
Canning and Preserving Fruits and Vegetables.....	4	2	.....	.....	.....	1	1	.....
Cutlery and Tools.....	3	.....	1	.....	.....	2	.....	.....
Foundry and Machine Shop Products.....	3	.....	.....	.....	.....	1	2	.....
Leather, Tanned, Curried and Finished.....	3	.....	.....	.....	.....	.....	3	.....
TRANSPORTATION AND PUBLIC UTILITIES—								
Telegraph and Telephone.....	7	.....	.....	.....	.....	.....	.....	7
Transportation by Water, including Stevedoring.....	8	.....	.....	2	2	.....	4	.....

BELMONT COUNTY

ALL INDUSTRIES	133	2	5	9	15	38	49	15
CONSTRUCTION—								
General Contracting	9	.....	1	2	2	4	.....	.....
Street, Road and Sewer Contracting	3	1	1	1	.....	.....	.....	.....
MANUFACTURES—								
Foundry and Machine Shop Products	4	.....	.....	.....	.....	2	2	.....
Glass	5	.....	1	.....	.....	4	.....	.....
Lumber and Planing Mill Products	7	.....	.....	.....	.....	5	2	.....
Steel Works and Rolling Mills	4	.....	.....	.....	.....	2	1	1
Stoves and Furnaces.....	3	.....	.....	1	.....	1	1	.....
Tobacco Manufactures	16	.....	1	.....	7	8	.....	.....
TRADE—								
Retail and Wholesale Stores.....	19	.....	.....	1	.....	1	17	.....

BUTLER COUNTY

ALL INDUSTRIES	243	5	5	10	13	46	121	43
CONSTRUCTION—								
General Contracting	12	3	.....	2	1	2	3	1
Street, Road and Sewer Contracting	2	.....	.....	.....	1	1	.....	.....
MANUFACTURES—								
Copper, Tin and Sheet Iron Products	4	.....	.....	.....	.....	1	2	1
Foundry and Machine Shop Products	22	.....	.....	2	1	11	5	3
Lumber and Planing Mill Products	7	.....	.....	1	1	1	4	.....
Paper and Wood Pulp.....	13	.....	.....	.....	2	7	3	1
Printing and Publishing.....	10	.....	.....	.....	.....	1	9	.....
Tobacco Manufactures	6	.....	1	.....	1	2	2	.....
TRADE—								
Retail and Wholesale Stores.....	40	.....	.....	.....	.....	.....	37	3
Yards, Coal and Lumber.....	15	.....	1	.....	.....	1	12	1
TRANSPORTATION AND PUBLIC UTILITIES—								
Telegraph and Telephone.....	7	.....	.....	.....	.....	.....	.....	7

TABLE VIII—Continued.

CLARK COUNTY

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
ALL INDUSTRIES	284	7	4	6	13	44	161	49
AGRICULTURE—								
Florists, Fruit Growers, Nurserymen and Seedsmen	7	.....	.....	.....	.....	.....	5	2
General Farming	6	.....	.....	.....	.....	.....	3	3
CONSTRUCTION—								
General Contracting	10	2	.....	.....	1	1	6	.....
Plumbing and Steam Fitting	9	.....	1	.....	1	.....	6	1
Street, Road and Sewer Contracting	2	1	.....	.....	.....	.....	1	.....
MANUFACTURES—								
Agricultural Implements	9	.....	.....	.....	1	5	3	.....
Automobiles, including Bodies and Parts	3	.....	.....	.....	.....	1	2	.....
Coffins, Burial Cases and Undertakers' Goods	3	.....	.....	.....	.....	1	2	.....
Foundry and Machine Shop Products	28	.....	.....	.....	2	11	15	.....
Pianos, Organs and Materials	3	.....	.....	.....	3	.....	.....	.....
Printing and Publishing	16	.....	.....	1	.....	2	10	3
SERVICE—								
Laundries and Dry Cleaners	7	.....	.....	.....	.....	.....	7	.....
TRADE—								
Retail and Wholesale Stores	46	.....	.....	.....	.....	2	39	5
Yards, Coal and Lumber	12	.....	.....	.....	.....	1	9	2
TRANSPORTATION AND PUBLIC UTILITIES—								
Electric Railroads	3	.....	.....	.....	.....	.....	.....	3
Telegraph and Telephone	6	.....	.....	.....	.....	.....	.....	6

COLUMBIANA COUNTY

ALL INDUSTRIES	224	8	4	10	25	42	87	48
MANUFACTURES—								
Brick and Tile	5	.....	.....	.....	.....	5	.....	.....
Copper, Tin and Sheet Iron Products	3	.....	.....	.....	.....	2	1	.....
Foundry and Machine Shop Products	14	.....	.....	1	1	6	6	.....
Kaolin and Ground Earths	4	.....	.....	.....	2	2	.....	.....
Pottery, Terra-Cotta and Fire Clay Products	32	1	1	3	7	11	8	1
Printing and Publishing	12	.....	.....	.....	.....	.....	11	1
Rubber Products	4	.....	1	.....	1	.....	2	.....
TRADE—								
Retail and Wholesale Stores	39	.....	.....	.....	1	1	30	7
TRANSPORTATION AND PUBLIC UTILITIES—								
Telegraph and Telephone	13	.....	.....	1	1	.....	.....	11

TABLE VIII—Continued.

CUYAHOGA COUNTY

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
ALL INDUSTRIES	2,512	43	33	58	138	606	1,407	237
AGRICULTURE—								
Florists, Fruit Growers, Nurserymen and Seedsmen	10	.....	.....	1	.....	.....	3	6
CONSTRUCTION—								
Brick, Stone and Cement Work	47	9	2	6	13	9	8	.....
Electrical Contracting	16	1	1	.....	.....	6	8	.....
General Contracting	155	15	13	8	22	46	51	.....
Painting and Decorating	40	.....	.....	4	6	9	21	.....
Plastering	13	1	1	.....	2	7	2	.....
Plumbing and Steam Fitting	31	.....	2	2	.....	12	15	.....
Sand and Gravel Excavating	9	.....	.....	2	3	1	3	.....
Sheet Metal Work and Roofing	44	.....	2	1	4	15	22	.....
Street, Road and Sewer Contracting	48	3	2	6	11	14	12	.....
Ventilating and Heating	3	.....	.....	.....	.....	2	1	.....
FISHERIES	3	.....	.....	.....	.....	.....	1	2
MANUFACTURES—								
Artificial Stone	14	1	1	.....	1	4	7	.....
Automobiles, including Bodies and Parts	48	1	.....	1	.....	15	30	1
Awnings, Tents and Sails	5	.....	.....	.....	.....	.....	5	.....
Bags, other than Paper	4	.....	.....	.....	.....	1	3	.....
Blast Furnace Products	3	.....	.....	.....	.....	.....	.....	3
Bolts, Nuts, Washers and Rivets, not made in Steel Works and Rolling Mills	9	.....	.....	.....	2	5	2	.....
Boots and Shoes, including Cut Stock and Findings	8	.....	.....	1	.....	2	5	.....
Boxes, Fancy and Paper	8	.....	.....	.....	.....	5	3	.....
Brass and Bronze Products	15	.....	.....	.....	1	5	9	.....
Bread and other Bakery Products	55	1	.....	.....	.....	3	41	10
Brick and Tile	15	1	.....	1	2	4	7	.....
Brushes	5	.....	.....	.....	.....	4	1	.....
Butter, Cheese and Condensed Milk	5	.....	.....	.....	.....	.....	3	2
Carriages, Wagons and Materials	25	.....	.....	.....	.....	4	20	1
Chemicals, Acids and Wood Distillation	12	1	.....	1	.....	1	3	6
Clothing, Men's, including Shirts	25	.....	1	.....	1	8	15	.....
Clothing, Women's	50	.....	.....	.....	2	17	30	1
Coffee, Spices and Peanuts, Roasting and Grinding	8	.....	.....	.....	.....	3	5	.....
Coffins, Burial Cases and Undertakers' Goods	3	.....	.....	.....	.....	2	1	.....
Confectionery and Ice Cream	20	.....	.....	.....	1	3	13	3
Cooperage and Related Wooden Goods	7	.....	1	.....	.....	3	3	.....
Copper, Tin and Sheet Iron Products	29	1	.....	.....	.....	17	11	.....
Custom Tailoring, Men's and Women's	30	.....	.....	.....	2	7	19	2
Cutlery and Tools	6	.....	.....	.....	2	2	1	1
Dentists' Materials	2	.....	.....	.....	.....	2	.....	.....
Electrical Machinery, Apparatus and Supplies	32	.....	.....	.....	1	13	16	2
Enameling and Japanning	3	.....	.....	.....	.....	1	1	1
Fancy Articles	4	.....	.....	1	.....	3	.....	.....
Flavoring Extracts	3	.....	.....	.....	.....	.....	3	.....
Flour Mill and Grist Mill Products	11	1	.....	.....	.....	1	8	1

TABLE VIII—Continued.
CUYAHOGA COUNTY — Concluded

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
MANUFACTURES—Concluded.								
Food Preparations	5			1	1	1	2	
Forgings	19	1				9	8	1
Foundry and Machine Shop Products	186	2	1	1	9	89	51	3
Furnishing Goods, Men's Furniture and Refrigerators	2						2	
Gas and Electric Fixtures and Lamps and Reflectors	25					11	14	
Hats and Caps, other than Felt, Straw and Wool	11					2	9	
Hosiery and Knit Goods	4					4		
Ice, Manufactured	10		1			5	4	
Liquors, Malt	3			1				2
Liquors, Malt	12						9	
Lumber and Planing Mill Products	31	1	1		2	14	13	
Mattresses and Spring Beds	8					1	7	
Marble and Stone Works	13				3	5	5	
Millinery and Lace Goods	5					2	3	
Mineral and Soda Waters	14				2	1	11	
Models and Patterns, not including Paper Patterns	9					5	3	1
Paint and Varnish	31					8	23	
Paper and Wood Pulp	3					2	1	
Patent Medicines and Drug Compounds	7					2	5	
Petroleum Refining	3						3	
Photo-Engraving	6					2	3	
Printing and Publishing	106				1	27	78	
Rubber Products	4			2		1	1	
Ship Building, including Boat Building	3				1	1	1	
Slaughtering and Meat Packing	16					3	12	1
Springs, Steel, Car and Carriage	2					1	1	
Steel Works and Rolling Mills	10			1		3	5	1
Stoves and Furnaces	20			1	2	12	5	
Tobacco Manufactures	14					8	5	1
Wirework, including Wire Rope and Cable	13				3	1	9	
Woolen, Worsted and Felt Goods	3					3		
SERVICE—								
Amusement Parks	9		1	2			2	4
Garages	32					2	16	14
Hotels	32				2		5	25
Laundries and Dry Cleaners	39				1	8	30	
Office Buildings	47			1	1		6	39
Professional	7				1	1	5	
Restaurants	35				1		15	19
Saloons	14						14	
Theaters	14				2	2		10
TRADE—								
Retail and Wholesale Stores	354			4	2	35	297	16
Yards, Coal and Lumber	81		1	1		9	73	
TRANSPORTATION AND PUBLIC UTILITIES—								
Cartage (Drayage) and Storage, including Livery Stables	47				5	2	27	13
Electric Light and Power	4							4
Electric Railroads	4							4
Telegraph and Telephone	7							7
Transportation by Water, including Stevedoring	11			1	3	1	5	1

TABLE VIII—Continued.

FRANKLIN COUNTY

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
ALL INDUSTRIES	968	24	25	15	52	147	556	140
AGRICULTURE—								
Florists, Fruit Growers, Nurserymen and Seedsmen	7			1			4	2
CONSTRUCTION—								
Brick, Stone and Cement Work	9	1	1	1	4	1	1	
General Contracting	50	9	9	1	8	6	15	2
Plastering	3	1			2			
Plumbing and Steam Fitting	11					2	8	1
Sheet Metal Work and Roofing	13			1	2	1	9	
Street, Road and Sewer Contracting	13	2	2	2	4	2		1
MANUFACTURES—								
Automobiles, including Bodies and Parts	10					5	5	
Bolts, Nuts, Washers and Rivets, not made in Steel Works and Rolling Mills	2					2		
Boots and Shoes, including Cut Stock and Findings	10				3	5	2	
Boxes, Fancy and Paper	2					1	1	
Brass and Bronze Products	3					3		
Bread and other Bakery Products	19				1		15	3
Brick and Tile	6		1	2		1	2	
Butter, Cheese and Condensed Milk	4						2	2
Carriages, Wagons and Materials	9					6	3	
Confectionery and Ice Cream	9	1					5	3
Copper, Tin and Sheet Iron Products	6					3	3	
Custom Tailoring, Men's and Women's	17				1	2	13	1
Fertilizers	2					1		1
Flour Mill and Grist Mill Products	10	1				5	3	1
Forgings	5					3	2	
Foundry and Machine Shop Products	39	1	1	1	2	18	12	4
Furniture and Refrigerators	9		1			4	4	
Gas and Electric Fixtures and Lamps and Reflectors	6				2	2	1	1
Glass	3			1		2		
Ice, Manufactured	6		1		2	1		2
Liquors, Malt	6						5	1
Lumber and Planing Mill Products	18					4	14	
Millinery and Lace Goods	3			1		1	1	
Printing and Publishing	43	1				4	34	4
Show Cases	3				1	2		
Slaughtering and Meat Packing	4						4	
Stoves and Furnaces	7				2		5	
Tobacco Manufactures	4				2	2		
SERVICE—								
Garages	14						4	10
Hotels	17							17
Laundries and Dry Cleaners	17		1		1	1	14	
Office Buildings	11						2	9
Restaurants	10			1			2	7
Saloons	8					1	4	3
Theaters	4		1			1		2

TABLE VIII—Continued.
FRANKLIN COUNTY — Concluded

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
TRADE—								
Offices	23	.....	.....	.....	.....	2	20	1
Retail Delivery, Milk, Ice and Water	4	.....	.....	.....	.....	.....	.....	4
Retail and Wholesale Stores. Yards, Coal and Lumber.	229 34	3 2	1	.....	2	11 4	194 27	18 1
TRANSPORTATION AND PUBLIC UTILITIES—								
Cartage (Drayage) and Storage, including Livery Stables	18	.....	.....	.....	.....	.....	12	6
Electric Railroads	5	.....	.....	.....	.....	.....	.....	5
Telegraph and Telephone	4	.....	.....	.....	.....	.....	.....	4

HAMILTON COUNTY

ALL INDUSTRIES	2,653	41	41	48	152	565	1,471	335
AGRICULTURE—								
Florists, Fruit Growers, Nurserymen and Seedsmen	6	1	.....	.....	.....	.....	3	2
CONSTRUCTION—								
Brick, Stone and Cement Work	37	2	3	8	13	4	7	.....
Electrical Contracting	14	.....	.....	1	.....	2	10	3
General Contracting	77	7	5	4	9	29	20	3
Painting and Decorating	29	.....	3	2	3	7	11	3
Plastering	8	.....	1	.....	4	3	.....	1
Plumbing and Steam Fitting	33	.....	.....	.....	1	14	18	.....
Sheet Metal Work and Roofing	33	1	.....	2	4	10	15	1
Street, Road and Sewer Contracting	25	3	2	2	4	6	8	.....
Ventilating and Heating	4	.....	.....	1	.....	1	2	.....
MANUFACTURES—								
Automobiles, including Bodies and Parts	9	.....	1	1	.....	1	6	.....
Bags, Paper	3	.....	.....	.....	.....	1	2	.....
Baking Powder and Yeast	3	.....	.....	.....	.....	2	.....	1
Boots and Shoes, including Cut Stock and Findings	31	1	1	.....	3	19	7	.....
Boxes, Cigar	5	.....	.....	.....	.....	3	2	.....
Boxes, Fancy and Paper	16	.....	.....	.....	.....	13	3	.....
Brass and Bronze Products	4	.....	.....	.....	.....	2	2	.....
Bread and other Bakery Products	62	1	2	2	1	2	36	13
Brick and Tile	7	.....	5	1	1	.....	.....	.....
Butter, Cheese and Condensed Milk	7	.....	.....	.....	.....	.....	1	6
Canning and Preserving Fruits and Vegetables	4	.....	.....	.....	.....	2	2	.....
Carriages, Wagons and Materials	44	1	.....	.....	3	12	28	.....
Chemicals, Acids and Wood Distillation	15	.....	.....	1	.....	3	8	3
Clothing, Men's, including Shirts	69	.....	.....	3	13	32	21	.....
Clothing, Women's	23	1	.....	.....	.....	9	13	.....
Coffee, Spices and Peanuts, Roasting and Grinding	9	.....	.....	.....	.....	1	8	.....
Confectionery and Ice Cream	24	1	.....	.....	.....	9	8	6
Coverage and Related Wooden Goods	9	1	1	.....	3	2	2	.....
Copper, Tin and Sheet Iron Products	31	1	.....	.....	2	11	17	.....

TABLE VIII—Continued.
HAMILTON COUNTY — Continued

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
MANUFACTURES—Concluded.								
Cotton Goods, including Cotton Small Wares.....	3						3	
Custom Tailoring, Men's and Women's	43	1	1	2	11	10	18	
Electrical Machinery, Apparatus and Supplies.....	17					7	10	
Fancy Articles	4					3	1	
Fertilizers	5					2		3
Flags, Banners and Regalia.....	4					1	3	
Flour Mill and Grist Mill Products	11	1		1	1	2	5	1
Forgings	3				1	1	1	
Foundry and Machine Shop Products	161	1	1		12	76	69	2
Furnishing Goods, Men's.....	5					4	1	
Furniture and Refrigerators.....	39			1	7	19	12	
Gas and Electric Fixtures and Lamps and Reflectors.....	3					2	1	
Glass, Cutting, Staining and Ornamenting.....	7				1	4	2	
Grease and Tallow.....	4						2	2
Hair Work	5				1		4	
Hats and Caps, other than Felt, Straw and Wool.....	7					2	5	
Ice, Manufactured	19	2	3	3	5	2		4
Ink, Printing	5					2	3	
Jewelry	13					6	7	
Leather, Tanned, Curled and Finished	12	1	1			1	9	
Liquors, Distilled	3						3	
Liquors, Malt	19						15	4
Looking Glass and Picture Frames	3						3	
Lumber and Planing Mill Products	43	2			4	20	17	
Marble and Stone Works.....	10		1		1	4	3	1
Mattresses and Spring Beds.....	10					3	7	
Millinery and Lace Goods.....	9				1	1	7	
Mineral and Soda Waters.....	11					1	10	
Models and Patterns, not including Paper Patterns.....	8					2	6	
Paint and Varnish.....	19				1	3	15	
Paper and Wood Pulp.....	4			1		3		
Patent Medicines and Drug Compounds	13					2	10	1
Photo-Engraving	9					2	7	
Pianos, Organs and Materials.....	8					2	6	
Pottery, Terra-Cotta and Fire Clay Products.....	4	1				1	2	
Printing and Publishing.....	145	1			1	31	107	5
Rubber Products	3	1				1		1
Safes and Vaults.....	4				3	1		
Signs and Advertising Novelties	12				2	1	9	
Slaughtering and Meat Packing	21					1	20	
Soap and Candles.....	10					2	8	
Stereotyping and Electrotyping	5					1	4	
Stoves and Furnaces.....	10				1	5	2	2
Surgical Appliances and Artificial Limbs	3					1	2	
Tobacco Manufactures	42	2	1	2	9	14	12	2
Trunks and Valises.....	5				1	2	2	
Washing Machines and Clothes Wringers.....	3				1	2		
Wirework, including Wire Rope and Cable.....	7					1	6	

TABLE VIII—Continued.
HAMILTON COUNTY — Concluded

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
SERVICE—								
Amusement Parks	6	1	3					2
Garages	26					1	16	10
Hotels	39						3	36
Laundries and Dry Cleaners.	37					4	32	1
Office Buildings	37						23	14
Restaurants	42		1	2			14	25
Saloons	26				1	1	20	4
Theaters	36		1	2	1	1	2	29
TRADE—								
Retail Delivery, Milk, Ice and Water	21			1			11	9
Retail and Wholesale Stores.	526	4	1	1	3	35	416	66
Yards, Coal and Lumber.	73				3	6	61	3
TRANSPORTATION AND PUBLIC UTILITIES—								
Carriage (Drayage) and Storage, including Livery Stables	57			1		2	32	22
Electric Light and Power.	3							3
Electric Railroads	7							7
Telegraph and Telephone.	6							6

JEFFERSON COUNTY

ALL INDUSTRIES	117	6	4	5	5	18	56	23
CONSTRUCTION—								
General Contracting	6	2		1		2	1	
Street, Road and Sewer Contracting	5		4	1				
MANUFACTURES—								
Brick and Tile	3	1		1			1	
Pottery, Terra-Cotta and Fire Clay Products.	14	1		1		2	7	3
SERVICE—								
Laundries and Dry Cleaners.	4						4	
TRADE—								
Retail and Wholesale Stores.	22					2	20	

LICKING COUNTY

ALL INDUSTRIES	134	5	4	6	7	19	61	32
CONSTRUCTION—								
Street, Road and Sewer Contracting	2		1	1				
MANUFACTURES—								
Glass	4			2		2		
Tobacco Manufactures	4	2	1			1		
TRANSPORTATION AND PUBLIC UTILITIES—								
Telegraph and Telephone.	9							9

TABLE VIII—Continued.

LORAIN COUNTY

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
ALL INDUSTRIES	214	5	6	6	17	26	107	47
AGRICULTURE—								
General Farming	4						1	3
CONSTRUCTION—								
General Contracting	15	3	2	3	3	2	2	
Street, Road and Sewer Contracting	5		3		2			
MANUFACTURES—								
Foundry and Machine Shop Products	15				1	4	8	3
Printing and Publishing	10						9	1
SERVICE—								
Laundries and Dry Cleaners	6					2	4	
TRADE—								
Retail and Wholesale Stores	36				1	2	30	3
TRANSPORTATION AND PUBLIC UTILITIES—								
Telegraph and Telephone	8						1	7

LUCAS COUNTY

ALL INDUSTRIES	894	20	10	23	50	162	502	127
AGRICULTURE—								
Florists, Fruit Growers, Nurserymen and Seedsmen	14				2		3	9
CONSTRUCTION—								
Brick, Stone and Cement Work	12	2			4	3	4	
General Contracting	50	4	5	7	6	10	17	1
Painting and Decorating	11	1			1	2	7	
Plumbing and Steam Fitting	10					8	2	
Sheet Metal Work and Roofing	16	1				2	13	
Street, Road and Sewer Contracting	19	1	1	2	7	3	5	
MANUFACTURES—								
Automobiles, including Bodies and Parts	8		1			4	3	
Awnings, Tents and Sails	4					2	2	
Brass and Bronze Products	3					1	2	
Bread and other Bakery Products	22	1					14	7
Brick and Tile	5	1	1			2	1	
Butter, Cheese and Condensed Milk	4						1	3
Carriages and Sleds, Children's	4			1		3		
Carriages, Wagons and Materials	11				1	3	7	
Clothing, Women's	8					3	5	
Coffee, Spices and Peanuts								
Roasting and Grinding	6				1	2	3	
Confectionery and Ice Cream	7					2	2	3
Copper, Tin and Sheet Iron Products	11			1		3	7	
Electrical Machinery, Apparatus and Supplies	7				2	1	2	

TABLE VIII—Continued.
LUCAS COUNTY—Concluded

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
MANUFACTURES—Concluded.								
Flour Mill and Grist Mill Products	10	.....	.....	.....	3	2	5	.....
Foundry and Machine Shop Products	51	1	.....	.....	.....	23	27	1
Furniture and Refrigerators.	16	1	.....	.....	1	2	11	1
Glass	5	.....	.....	.....	1	2	1	1
Glass, Cutting, Staining and Ornamenting	3	.....	.....	.....	.....	3	.....	.....
Kaolin and Ground Earths.	3	.....	.....	1	1	1	.....	.....
Liquors, Malt	7	.....	.....	.....	.....	.....	6	1
Lumber and Planing Mill Products	18	.....	.....	.....	.....	8	10	.....
Petroleum Refining	3	.....	.....	.....	.....	.....	.....	3
Printing and Publishing	36	.....	.....	.....	.....	9	24	3
Ship Building, including Boat Building	4	.....	.....	.....	2	2	.....	.....
Slaughtering and Meat Packing	4	.....	.....	.....	.....	.....	3	1
Tobacco Manufactures	6	.....	.....	.....	.....	6	1	.....
SERVICE—								
Garages	13	.....	.....	.....	1	.....	7	5
Hotels	12	.....	.....	.....	.....	.....	.....	13
Laundries and Dry Cleaners.	16	1	.....	.....	1	2	12	.....
Office Buildings	11	.....	.....	.....	.....	.....	.....	11
Restaurants	17	.....	.....	.....	1	.....	2	14
Saloons	4	.....	.....	1	.....	.....	3	.....
Theaters	8	1	.....	.....	.....	1	.....	6
TRADE—								
Retail and Wholesale Stores.	157	.....	.....	.....	1	7	137	12
Yards, Coal and Lumber	28	.....	.....	.....	.....	1	25	2
TRANSPORTATION AND PUBLIC UTILITIES—								
Cartage (Drayage) and Storage, including Livery	.....	.....	.....	.....	.....	.....	.....	.....
Stables	20	.....	.....	.....	.....	1	16	3
Telegraph and Telephone	10	.....	.....	.....	.....	.....	.....	10

MAHONING COUNTY

ALL INDUSTRIES	362	18	14	9	22	52	185	62
CONSTRUCTION—								
Brick, Stone and Cement Work	11	3	.....	1	3	2	2	.....
General Contracting	38	4	3	3	8	7	12	1
Painting and Decorating	5	.....	.....	.....	.....	1	4	.....
Plumbing and Steam Fitting	13	.....	.....	.....	.....	2	10	1
Sheet Metal Work and Roofing	9	.....	1	.....	.....	.....	8	.....
Street, Road and Sewer Contracting	14	5	2	3	1	2	1	.....
MANUFACTURES—								
Blast Furnace Products	7	.....	.....	.....	1	1	1	4
Foundry and Machine Shop Products	16	1	1	.....	.....	5	7	2
Liquors, Malt	3	.....	.....	.....	.....	.....	3	.....
Lumber and Planing Mill Products	7	.....	.....	.....	2	3	2	.....
Pottery, Terra-Cotta and Fire Clay Products	6	.....	.....	.....	.....	2	4	.....
Printing and Publishing	10	.....	1	.....	.....	.....	8	1
Steel Works and Rolling Mills	5	1	.....	.....	.....	3	.....	4

TABLE VIII—Continued.
MAHONING COUNTY — Concluded

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
SERVICE—								
Hotels	6	.....	.....	.....	.....	.....	.....	6
Laundries and Dry Cleaners.	5	.....	.....	.....	.....	1	4	.....
TRADE—								
Retail and Wholesale Stores.	60	.....	.....	1	.....	3	52	4
Yards, Coal and Lumber....	14	1	.....	.....	2	1	9	1
TRANSPORTATION AND PUBLIC UTILITIES—								
Cartage (Drayage) and Storage, including Livery Stables	10	.....	.....	.....	.....	.....	3	7
Electric Railroads	4	.....	.....	.....	.....	.....	.....	4
Natural Gas	3	.....	.....	.....	.....	.....	.....	3
Telegraph and Telephone....	7	.....	.....	.....	.....	.....	.....	7

MONTGOMERY COUNTY

ALL INDUSTRIES	751	23	33	47	77	190	281	100
AGRICULTURE—								
General Farming	3	.....	.....	.....	.....	.....	.....	3
CONSTRUCTION—								
Brick, Stone and Cement Work	15	3	3	1	5	9	1	.....
General Contracting	44	4	6	5	7	9	10	3
Painting and Decorating	10	.....	3	2	.....	3	2	.....
Plumbing and Steam Fitting	21	.....	.....	.....	.....	11	10	.....
Sand and Gravel Excavating	6	2	2	2	.....	.....	.....	.....
Sheet Metal Work and Roofing	12	.....	.....	.....	.....	4	7	1
Street, Road and Sewer Contracting	16	.....	4	2	6	2	2	.....
MANUFACTURES—								
Agricultural Implements	3	.....	.....	.....	1	2	.....	.....
Automobiles, including Bodies and Parts	6	.....	.....	.....	.....	6	.....	.....
Boxes, Fancy and Paper	3	.....	.....	.....	1	1	1	.....
Brass and Bronze Products	6	.....	.....	.....	.....	4	2	.....
Bread and other Bakery Products	17	1	.....	1	.....	2	9	4
Carriages, Wagons and Materials	8	.....	.....	.....	1	3	4	.....
Cash Registers and Calculating Machines	5	.....	.....	.....	1	2	2	.....
Clothing, Men's including Shirts	3	.....	.....	.....	.....	2	1	.....
Confectionery and Ice Cream	6	.....	.....	.....	.....	1	4	1
Electrical Machinery, Apparatus and Supplies	3	.....	.....	.....	.....	2	1	.....
Foundry and Machine Shop Products	60	5	8	12	7	9	15	4
Furniture and Refrigerators	7	1	.....	.....	.....	2	4	.....
Ice, Manufactured	5	.....	.....	1	1	.....	1	2
Liquors, Malt	6	.....	.....	.....	.....	.....	6	.....
Lumber and Planing Mill Products	14	1	1	1	1	3	7	.....
Munitions	2	.....	.....	2	.....	.....	.....	.....
Paint and Varnish	8	.....	.....	.....	.....	3	5	.....
Paper and Wood Pulp	4	.....	.....	.....	.....	3	1	.....
Printing and Publishing	25	.....	.....	.....	1	8	12	4
Pumps, not including Steam	3	.....	.....	.....	.....	2	1	.....

TABLE VIII—Continued.
MONTGOMERY COUNTY — Concluded

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
MANUFACTURES—Concluded.								
Slaughtering and Meat Packing	4						4	
Soaps and Candles.....	6					2	4	
Tobacco Manufactures	42	2	1	4	6	20	9	
Toys and Games.....	3				2	1		
SERVICE—								
Garages	12					1	6	5
Hotels	12	1						11
Laundries and Dry Cleaners.....	10					1	9	
Office Buildings	5							13
Restaurants	10						3	
TRADE—								
Retail and Wholesale Stores.....	132			7	20	42	51	12
Yards, Coal and Lumber.....	26				1	8	17	
TRANSPORTATION AND PUBLIC UTILITIES—								
Cartage (Drayage) and Storage, including Livery								
Stables	14		1			1	10	2
Electric Railroads	5							
Telegraph and Telephone....	7							

MUSKINGUM COUNTY

ALL INDUSTRIES	229	8	7	13	18	40	93	50
CONSTRUCTION—								
General Contracting	7		1		3	1	2	
Sand and Gravel Excavating	11	1		3	2	4	1	
Street, Road and Sewer Contracting	3	2		1				
MANUFACTURES—								
Bread and other Bakery Products	4					1	3	
Brick and Tile.....	6	1	1			3	1	
Carriages, Wagons and Materials	4			2	1	1		
Clothing, Men's, including Shirts	4		1		1	1	1	
Foundry and Machine Shop Products	4		1			2	1	
Pottery, Terra-Cotta and Fire Clay Products.....	21		1	3	3	9	5	
Printing and Publishing.....	8					1	7	
Woolen, Worsted and Felt Goods	2					1	1	
SERVICE—								
Hotels	7						1	6
Laundries and Dry Cleaners.....	3				1		1	1
TRADE—								
Retail and Wholesale Stores.....	51					2	37	12
TRANSPORTATION AND PUBLIC UTILITIES—								
Telegraph and Telephone....	5							5

TABLE VIII—Continued.

STARK COUNTY

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
ALL INDUSTRIES	500	16	14	16	29	108	250	67
CONSTRUCTION—								
Brick, Stone and Cement Work	14	3	.....	2	2	6	.....	1
General Contracting	30	2	4	.....	6	6	12	.....
Plumbing and Steam Fitting	12	.....	1	.....	.....	1	9	1
Street, Road and Sewer Contracting	8	2	1	3	1	.....	1	.....
MANUFACTURES—								
Agricultural Implements	5	.....	.....	.....	.....	2	3	.....
Bread and other Bakery Products	11	.....	.....	.....	.....	1	6	4
Brick and Tile	10	1	.....	.....	1	5	2	1
Carriages, Wagons and Materials	4	.....	.....	.....	.....	3	1	.....
Clothing, Men's, including Shirts	2	.....	.....	.....	.....	1	1	.....
Clothing, Women's	7	.....	.....	.....	.....	4	3	.....
Copper, Tin and Sheet Iron Products	11	.....	.....	1	.....	3	7	.....
Cutlery and Tools	5	.....	.....	.....	.....	3	2	.....
Forgings	5	.....	.....	.....	.....	3	2	.....
Foundry and Machine Shop Products	41	1	.....	1	3	15	21	.....
Furniture and Refrigerators	3	.....	.....	.....	.....	2	.....	1
Gas and Electric Fixtures and Lamps and Reflectors	2	.....	.....	.....	.....	2	.....	.....
Liquors, Malt	4	.....	2	1	.....	.....	.....	1
Pottery, Terra-Cotta and Fire Clay Products	5	.....	.....	1	.....	3	1	.....
Printing and Publishing	13	.....	.....	.....	.....	.....	12	1
Rubber Products	7	1	.....	2	.....	3	.....	1
Steel Works and Rolling Mills	5	.....	.....	1	3	.....	.....	1
Toys and Games	4	.....	.....	.....	.....	2	2	.....
SERVICE—								
Garages	7	.....	1	.....	.....	.....	3	3
Hotels	8	.....	.....	.....	.....	1	.....	7
Laundries and Dry Cleaners	7	.....	.....	.....	.....	.....	6	1
Restaurants	6	.....	.....	.....	.....	.....	2	3
TRADE—								
Retail Delivery, Milk, Ice and Water	5	2	.....	.....	.....	.....	1	2
Retail and Wholesale Stores	79	.....	1	.....	.....	4	67	7
Yards, Coal and Lumber	20	.....	.....	.....	.....	2	17	1
TRANSPORTATION AND PUBLIC UTILITIES—								
Cartage (Drayage) and Storage, including Livery .....	.....	.....	.....	.....	.....	.....	.....	.....
Stables	5	.....	.....	.....	.....	.....	4	1
Electric Light and Power	3	.....	.....	.....	.....	.....	.....	3
Telegraph and Telephone	10	.....	.....	.....	.....	.....	.....	10

TABLE VIII—Continued.

SUMMIT COUNTY

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
ALL INDUSTRIES	454	8	17	13	29	104	201	82
CONSTRUCTION—								
Brick, Stone and Cement Work	7	1	1		2		3	
General Contracting	41	2	4	4	9	15	7	
Painting and Decorating	2					1	1	
Plumbing and Steam Fitting	11			1			10	
Sand and Gravel Excavating	2						2	
Sheet Metal Work and Roofing	7					2	4	1
Street, Road and Sewer Contracting	8		1	2	1		4	
MANUFACTURES—								
Bread and other Bakery Products	10			1			2	7
Brick and Tile	5			1	4			
Foundry and Machine Shop Products	34		1			22	11	
Paper and Wood Pulp	4				1	3		
Pottery, Terra-Cotta and Fire Clay Products	18	2	1			9	6	
Printing and Publishing	18		1			2	14	1
Rubber Products	23				1	18	3	1
Stoves and Furnaces	5				1	3	1	
SERVICE—								
Hotels	4	1						
Laundries and Dry Cleaners	10	1	1		2	1	4	1
Restaurants	15			1			1	15
TRADE—								
Retail and Wholesale Stores	84		2		1	2	57	2
Yards, Coal and Lumber	19				1	2	14	
TRANSPORTATION AND PUBLIC UTILITIES—								
Natural Gas	3							
Telegraph and Telephone	6							

TRUMBULL COUNTY

ALL INDUSTRIES	170	5	4	6	9	29	71	4
CONSTRUCTION—								
General Contracting	8		3		1	1	3	
Street, Road and Sewer Contracting	7	3		2	2			
MANUFACTURES—								
Cars, Steam Railroad, not including operations of Railroad Companies	3						2	1
Copper, Tin and Sheet Iron Products	7		1			4	2	
Electrical Machinery, Apparatus and Supplies	4				1		3	
Foundry and Machine Shop Products	12			1	1	4	4	2
Furniture and Refrigerators	3						3	
Steel Works and Rolling Mills	7				1	4	2	
TRADE—								
Yard, Coal and Lumber	11				1		10	
TRANSPORTATION AND PUBLIC UTILITIES—								
Telegraph and Telephone	11							

TABLE VIII—Concluded.

TUSCARAWAS COUNTY

Industry.	Number of establishments reporting.	Number of establishments in operation each classified number of days during the year.						
		Less than 100.	100 but under 150.	150 but under 200.	200 but under 250.	250 but under 300.	300 but under 314.	314 and over.
ALL INDUSTRIES	140	11	4	4	8	26	66	21
CONSTRUCTION—								
Brick, Stone and Cement Work	2	3	.....	.....	.....	.....	.....	.....
General Contracting	8	1	.....	.....	1	2	4	.....
MANUFACTURES—								
Brick and Tile	9	.....	.....	.....	2	2	5	.....
Foundry and Machine Shop Products	6	.....	.....	.....	.....	1	5	.....
Pottery, Terra-Cotta and Fire Clay Products	17	1	2	1	6	8
TRADE—								
Retail and Wholesale Stores	18	1	1	16

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MANUFACTURES	190	164	815	1,036	1,424	873	138	134	81	370	1,673	66	49	52	197
Baking Powder and Yeast	11	10	23	40	46	31	9	7	3	8	63	3	2	3	7
Chemicals, Acids and Wood															
Disinfection															
Explosives	1	1	6	2	7	3	2				12	1		1	3
Fertilizers				1	5	2	1				7			1	
Grease and Tallow						1				1	11	2		1	
Ink, Printing				4	1	1				1	1				
Paint and Varnish		3	2	15	16	13	4	3	1	2	8				
Patent Medicines and Drug															
Compounds	7	4	9	12	8	1	1	2		2	2				
Petroleum Refining		1	1								4				
Salt			1		2						1				
Soap and Candles				1		8		1	1	1	7				
Chemicals and Allied Products, not otherwise classified															
Food and Kindred Products	31	1	3	5	3	1	1	1	1	1	8		1		2
Bread and other Bakery Products	8	4	54	40	198	29	21	12	3	22	489	29	31	34	32
Butter, Cheese and Condensed Milk	287	3	85	5	100	6	5	3	3	2	96	6	1	6	3
Canning and Preserving Fruits and Vegetables	90	1	3	2	4	1	9	1		1	30	15	5	16	2
Coffee, Spices and Peanuts, Roasting and Grinding	80		2	5	14	6	1		2	4	45				1
Confectionery and Ice Cream	29	1	3	8	10	2	1	2			2				
Cordials and Syrups	96		5	6	38	4	4	3	2	5	14	6	1	6	1
Flavoring Extracts	6		1	3	2										
Flour Mill and Grist Mill Products	15	1	1	6	3	1	1			1	1				
Food Preparations	317	1	3	4	19	6				7	238	1	22	4	11
Slaughtering and Meat Packing	13		4	1	13	1	1			1	4		1	1	2
Sugar	70	1	1		4	1		3	1		54	1	1	1	3
Food and Kindred Products, not otherwise classified	4														
Iron and Steel and their Products	5														
Blast Furnace Products	1,298	25	41	226	207	300	42	55	29	125	207	7	7	5	28
Bolts, Nuts, Washers and Rivets, not made in Steel Works or Rolling Mills	15	16						1			2			1	11
Cash, Drapers and	17				2	7				9					6

TABLE IX—HOURS OF LABOR PER WEEK, BY INDUSTRIES.

(The first section of this table presents data for the State and the second section for each of the 20 counties having a population of 50,000 or over in 1910. For the State and for each of the counties indicated every industry is shown as in Table I (Rates of Wages of Wage Earners, by Industries). The manufacturing industries are grouped alphabetically under sub-groups for the State and alphabetically under the general group "Manufactures," and without sub-groups, for each of the 20 counties.)

THE STATE.

Industry.	Number of establishments reporting.	Number of establishments in which the full time working hours per week were—														
		44 and under.	Over 44 but under 48.	48.	Over 48 but under 54.	54.	Over 54 but under 56.	56.	Over 56 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.
ALL INDUSTRIES	15,326	987	459	1,713	1,872	3,018	1,032	322	285	132	505	2,549	322	93	285	553
AGRICULTURE	198	3	.....	5	4	22	.....	2	.....	.....	4	115	17	2	14	10
Dairy Farming	25	1	.....	1	1	.....	.....	1	.....	.....	.....	2	9	1	5	4
Florists, Fruit Growers, Nurserymen and Seedsmen	82	.....	.....	3	3	10	.....	.....	.....	.....	2	54	3	1	3	3
General Farming	77	1	.....	.....	.....	11	.....	1	.....	.....	2	49	5	.....	6	2
Agriculture, not otherwise classified	14	1	.....	1	.....	1	.....	.....	.....	.....	.....	10	.....	.....	.....	1
CONSTRUCTION	2,674	571	190	624	141	459	61	16	11	10	56	486	5	5	27	42
Brick, Stone and Cement Work	23	63	42	83	17	23	7	1	3	1	4	43	1	.....	1	.....
Electrical Contracting	88	25	8	20	20	24	1	.....	.....	.....	.....	1	.....	.....	.....	.....
General Contracting	1,017	191	81	231	62	179	37	6	3	5	13	190	1	1	12	1
Oil and Gas Drilling	91	8	.....	4	2	4	.....	3	.....	.....	1	6	1	1	5	35
Painting and Decorating	173	87	.....	35	16	26	2	.....	.....	.....	.....	6	.....	.....	.....	.....
Plastering and Steam Fitting	15	20	13	5	5	.....	.....	.....	1	.....	3	1	.....	.....	.....	.....
Plumbing and Sheet Metal Work	256	84	24	63	11	41	.....	.....	1	.....	4	15	1	1	2	3
Sheet Metal Work and Roofing	79	.....	.....	2	1	11	1	1	1	1	2	53	1	.....	.....	.....
Street, Road and Sewer Contracting	201	21	6	84	16	36	5	1	1	1	7	23	.....	.....	.....	.....
Trailing	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100	2	2	5	5
Valuating and Heating	351	19	5	84	6	96	8	3	2	1	13	1	.....	.....	.....	.....
Construction, not otherwise classified	13	13	1	1	.....	2	.....	.....	.....	.....	2	13	1	.....	1	.....
FISHERIES	61	19	.....	13	2	8	.....	.....	.....	.....	2	8	3	.....	9	.....

TABLE IX—Continued.
THE STATE—Continued.

Industry.	Number of establishments reporting.	Number of establishments in which the full time working hours per week were—														
		44 and under 48.	Over 48.	Over 48 but under 54.	54.	Over 54 but under 56.	56.	Over 56 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.	
MANUFACTURES—Continued.																
Steel Works and Rolling Mills.....	40	3	2	1	1	1	1	1	2	2	3	12	2	1	12	
Stoves and Furnaces.....	80	2	3	7	10	11	1	1	1	1	10	13	.....	.....	.....
Tin Plate and Terneplate.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wirework, including Wire Rope and Cable.....	33	1	.....	1	4	9	.....	.....	1	2	4	8	.....	.....	.....
Iron and Steel and their Products, not otherwise classified.....	105	3	.....	5	13	13	1	2	3	3	11	26	4	.....	.....
Leather and its Finished Products.....	162	.....	3	5	6	49	32	2	1	2	14	43	1	1	.....
Boots and Shoes, including Cut Stock and Findings.....	80	.....	2	1	1	23	24	.....	.....	1	6	10	1	.....	.....
Gloves and Mittens, Leather.....	5	.....	.....	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Leather, Tanned, Curried and Finished.....	23	.....	1	.....	.....	1	.....	.....	.....	.....	2	18	.....	.....	.....
Trunks and Valises.....	9	.....	.....	.....	3	4	.....	.....	.....	.....	1	1	.....	.....	.....
Leather and its Finished Products, not otherwise classified.....	45	.....	.....	3	3	11	4	2	1	1	5	14	.....	1	.....
Liquors and Beverages.....	178	2	.....	64	6	36	3	3	2	.....	5	54	2	1	.....
Liquors, Distilled.....	10	.....	.....	.....	.....	3	.....	.....	.....	.....	1	5	1	.....	.....
Liquors, Malt.....	102	1	.....	58	3	19	.....	3	1	.....	1	15	.....	1	.....
Liquors, Soda Waters.....	53	1	.....	6	2	12	3	.....	.....	.....	2	28	.....	.....	.....
Liquors and Beverages, not otherwise classified.....	13	12	14	27	69	146	108	7	25	11	63	8	1	.....	1
Lumber and its Manufactures.....	750	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Baskets and Rattan and Willow Ware.....	22	1	1	1	1	8	4	.....	.....	.....	1	1	.....	.....	.....
Boxes, Clear.....	14	.....	.....	.....	.....	9	1	.....	.....	.....	.....	8	.....	.....	.....
Coffins, Burial Cases and Undertakers' Goods.....	20	1	.....	3	5	3	3	1	.....	1	4	2	.....	.....	.....
Copperage and Related Wooden Goods.....	76	1	1	3	3	17	13	1	.....	2	5	30	.....	.....	.....
Furniture and Refrigerators.....	156	3	4	4	20	25	23	4	12	3	15	39	1	.....	.....
Looking Glass and Picture Frames.....	6	.....	.....	2	.....	.....	2	.....	.....	.....	1	1	.....	.....	.....
Lumber and Planing Mill Products.....	400	5	7	17	33	71	49	1	13	5	33	157	2	1	1	

TABLE IX—Continued.
THE STATE—Continued.

Industry.	Number of establishments reporting.	Number of establishments in which the full time working hours per week were—														
		44 and under. 48.	Over 44 but under 48.	48.	Over 48 but under 54.	54.	Over 54 but under 56.	56.	Over 56 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.
MANUFACTURES—Concluded.																
Women's Custom Tailoring, Men's and	131	1	2	14	45	47	3	1			1	15	2			
Dyeing and Finishing Textiles...	7				1	2	2				1	1				
Flags, Banners and Regalia...	5			1	1	4						2				
Furnishing Goods, Men's...	15	2		4	6	3										
Hats and Caps, other than Felt, Straw and Wool...	13			1	8	4						1				
Horse Clothing...	3															
Hosiery and Knit Goods...	30			1	5	24										
Millinery and Lace Goods...	20			4	5	11										
Oilcloth and Linoleum...	4			1		1					1					
Shoddy...	3											1			1	
Woolen, Worsted and Felt Goods	16				1	8				1		2	5			
Textiles, not otherwise class-			2	5	13	18	2									
ified	45		20	35	33	46	63	2	6	34		4	9	1		
<i>Tobacco Manufactures</i>	208	36	2	16	42	68		4	2			66				
<i>Vehicles for Land Transportation</i>	309	6														
Automobiles, including Bodies and Parts	100	1		7	21	12	33	2	4	10		10				
Bicycles, Motorcycles and Parts...	7					1	4			2						
Carriages and Sleds, Children's...	5				3	2										
Carriages, Wagons and Materials...	183	5	2	7	16	51	23	2	2	21		52				
Cars, Steam Railroad, not in-																
cluding operations of Railroad Companies	8			2	1	1	2					2				
Cars, Street Railroad, not in-																
cluding operations of Railroad Companies	4				1		1			1		1				
Vehicles for Land Transporta-																
tion, not otherwise classified...	2					1	112	16				1				
<i>Miscellaneous Manufactures</i>	590	20	14	33	106	96	12	5	3	32		70	5	1	6	49
Agricultural Implements	60	1	3			7	12	1	1	11		7	1	1		
Brooms and Mops...	24	1	1	2	6	2	7	2		1		3				
Brushes	13	1			3	2	4			1		1				
Coke	3					1						1				
Dentists' Materials...	7		1	1	1	1	2			1						1

TABLE IX—Continued.
THE STATE—Concluded.

Industry.	Number of establishments reporting.	Number of establishments in which the full time working hours per week were—														
		44 and under.	Over 44 but under 48.	48.	Over 48 but under 54.	54.	Over 54 but under 56.	56.	Over 56 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.
TRANSPORTATION AND PUBLIC UTILITIES																
Carriage (Drayage) and Storage, including Livery Stables.....	884	14	5	125	40	199	11	23	40	5	2	233	28	3	48	98
Electric Light and Power.....	226	2	.....	6	7	30	4	2	.....	2	2	118	11	2	17	33
Electric Railroads.....	92	1	.....	2	1	14	1	7	5	1	.....	16	7	1	4	32
Natural Gas.....	45	.....	1	1	2	16	2	1	31	.....	.....	31	6	.....	18	3
Pipe Lines (Petroleum).....	84	.....	.....	2	1	.....	.....	.....	.....	.....	.....	1	.....	.....	2	2
Steam Railroads.....	6	1	.....	2	.....	1	.....	.....	.....	.....	.....	.....	1	.....	1	1
Telegraph and Telephone.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Transportation by Water, including Stevedoring.....	340	7	4	102	29	117	6	14	1	2	.....	39	3	.....	2	14
Waterworks.....	53	3	.....	9	.....	13	.....	6	.....	.....	.....	15	.....	.....	3	3
Transportation and Public Utilities, not otherwise classified.....	16	.....	.....	.....	.....	3	.....	3	.....	.....	.....	6	.....	.....	.....	4
	14	.....	.....	1	.....	2	.....	.....	1	.....	.....	4	.....	.....	1	5
ALLEN COUNTY																
ALL INDUSTRIES	197	6	1	15	13	38	9	5	4	1	11	65	13	3	4	9
CONSTRUCTION—																
General Contracting.....	9	.....	.....	.....	.....	4	1	.....	.....	1	.....	2	.....	.....	.....	.....
Street, Road and Sewer Contracting.....	3	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
MANUFACTURES—																
Brick and Tile.....	5	1	.....	.....	.....	.....	.....	.....	1	.....	.....	3	.....	.....	.....	.....
Foundry and Machine Shop Products.....	12	.....	.....	.....	1	1	3	.....	.....	.....	4	3	.....	.....	.....	.....
Lumber and Planing Mill Products.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and Publishing.....	11	.....	.....	5	.....	4	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Tobacco Manufactures.....	4	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE IX—Continued.

BELMONT COUNTY

Industry.	Number of establishments reporting.	Number of establishments in which the full time working hours per week were—														
		44 and under.	Over 44 but under 48.	48.	Over 48 but under 54.	54.	Over 54 but under 56.	56.	Over 56 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.
ALL INDUSTRIES	139	6	8	24	16	36	6	1	2	3	3	24	1	1	3	5
CONSTRUCTION—																
General Contracting	13	4	1	6	—	1	—	—	—	—	—	1	—	—	—	—
Street, Road and Sewer Contracting	5	—	—	—	—	2	—	—	—	—	—	3	—	—	—	—
MANUFACTURES—																
Foundry and Machine Shop Products	5	—	—	1	—	1	2	—	—	—	—	1	—	—	—	—
Glass	5	—	2	—	—	2	—	—	—	—	—	1	—	—	—	—
Lumber and Planing Mill Products	7	—	—	—	—	5	1	—	—	—	—	—	—	—	—	—
Steel Works and Rolling Mills	4	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Stoves and Furnaces	2	—	—	—	1	1	—	—	—	—	1	—	—	—	—	—
Tobacco Manufactures	16	2	3	3	2	2	3	—	—	—	—	—	—	—	—	—
TRADE—																
Retail and Wholesale Stores	19	—	1	1	3	4	—	—	—	1	1	5	1	—	1	1

BUTLER COUNTY

ALL INDUSTRIES	253	10	10	22	22	41	23	10	9	1	7	68	4	5	5	16
CONSTRUCTION—																
General Contracting	14	1	1	6	.....	3	.....	.....	.....	.....	.....	2	.....	1	.....	.....
Street, Road and Sewer Contracting	3	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
MANUFACTURES—																
Copper, Tin and Sheet Iron Products	4	.....	.....	.....	1	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Foundry and Machine Shop Products	22	1	1	.....	1	.....	10	.....	1	.....	1	7	.....	.....	.....	.....

TABLE IX—Continued.
COLUMBIANA COUNTY

Industry.	Number of establishments reporting.	Number of establishments in which the full time working hours per week were—														
		44 and under.	Over 44 but under 48.	Over 48 but under 54.	54.	Over 54 but under 56.	56.	Over 56 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.	
ALL INDUSTRIES	220	3	6	27	27	53	9	5	3	6	4	37	12	2	7	9
MANUFACTURES—																
Brick and Tile.....	6					3						3				
Copper, Tin and Sheet Iron Products	3					1	1						1			
Foundry and Machine Shop Products	16				2	5	4			2	1	2				
Kaolin and Ground Earths.....	3											1				2
Pottery, Terra-Cotta and Fire Clay Products	27	1		2	13	12		1				6	2			
Printing and Publishing.....	11			10	1	1	1									
Rubber Products	4									2						
TRADE—																
Retail and Wholesale Stores.....	23	1		1	3	10	1		2	1		7	5		2	
TRANSPORTATION AND PUBLIC UTILITIES—																
Telegraph and Telephone.....	13			10		1							1			1

OUYAHOGA COUNTY

ALL INDUSTRIES	2,321	409	61	379	326	423	196	21	41	11	63	414	26	14	35	73
AGRICULTURE—																
Fruit Growers, Nurseriesmen and Seedmen.....	13			1		1						8	1		1	
CONSTRUCTION—																
Brick, Stone and Cement Work.....	69	37	2	21	4	4						1				
Electrical Contracting	13	17		1												
General Contracting	226	142	3	46	4	10						13			3	

TABLE IX—Continued.
 OUYAHOGA COUNTY — Concluded

Industry.	Number of estab-lish-ments report-ing.	Number of establishments in which the full time working hours per week were—												
		44 and under.	Over 44 but under 48.	48.	Over 48 but under 54.	54.	Over 54 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.
MANUFACTURES—Concluded.														
Flavoring Extracts.....	4	.....	.....	.....	2	.....	1	.....	1	.....	.....	.....	.....	.....
Flour Mill and Grist Mill Prod-ucts.....	9	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Food Preparations.....	5	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....
Forgings.....	18	.....	.....	.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....
Foundry and Machine Shop Products.....	188	1	.....	.....	38	41	51	2	1	30	.....	.....	.....	1
Furnishing Goods, Men's.....	3	.....	.....	.....	1	.....	6	.....	.....	.....	.....	.....	.....	.....
Furniture and Refrigerators.....	28	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gas and Electric Fixtures and Lamps and Reflectors.....	11	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hats and Caps, other than Felt, Straw and Wool.....	4	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hosiery and Knit Goods.....	12	.....	.....	.....	1	11	.....	.....	.....	.....	.....	.....	.....	.....
Ice, Manufactured.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liquors, Malting.....	9	.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lumber and Planing Mill Prod-ucts.....	28	1	.....	.....	5	2	13	.....	.....	.....	.....	.....	.....	.....
Mattresses and Spring Beds.....	7	.....	.....	.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....
Marble and Stone Works.....	13	9	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Millinery and Lace Goods.....	15	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mineral and Soda Waters.....	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Models and Patterns, not in-cluding Paper Patterns.....	11	5	2	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....
Paint and Varnish.....	29	.....	.....	.....	10	.....	6	.....	.....	.....	.....	.....	.....	.....
Paper and Wood Pulp.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Patent Medicines and Drug Compounds.....	6	2	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Petroleum Refining.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Photo-Engraving.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and Publishing.....	108	4	3	86	9	3	1	.....	.....	.....	.....	.....	.....	.....
Rubber Products.....	4	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ship Building, including Boat Building.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Slaughtering and Meat Packing.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saddles, Steel, Car and Carriage.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Steel Works and Rolling Mills.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE IX—Continued.
FRANKLIN COUNTY — Concluded

Industry.	Number of establishments reporting.	Number of establishments in which the full time working hours per week were—													
		44 and under.	Over 44 but under 48.	Over 48 but under 54.	Over 54 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.			
MANUFACTURES—															
Automobiles, including Bodies and Parts	10			1	2	1	4				1	1			
Bolts, Nuts, Washers and Rivets not made in Steel Works or Rolling Mills	2						1					1			
Boots and Shoes, including Cut Stock and Findings	9					6	1				1				
Boxes, Fancy and Paper	2	1				1						1			
Brass and Bronze Products	3						2					1			
Bread and other Bakery Products	15		2			5				1		7			
Brick and Tile	7	1				3						2			
Butter, Cheese and Condensed Milk	4		1												
Carriages, Wagons and Materials	8	1		3		2	2					3			
Confectionery and Ice Cream	7					4						1		1	
Copper, Tin and Sheet Iron Products	4		1	2			1								
Custom Tailoring, Men's and Women's	11			1		8				1		2			
Fertilizers	2														
Flour Mill and Grist Mill Products	10			1		1	1			1		5	1	1	1
Forgings	5	2													
Foundry and Machine Shop Products	37			6		5	17								
Furniture and Refrigerators	8				3	3	2			1		3		5	
Gas and Electric Fixtures and Lamps and Reflectors	5			1		1	3					1			
Glass	1	3													
Ice, Manufactured	4			1											
Liquors, Malt	5		5												
Lumber and Planing Mill Products	15		2	5		3	4					2			
Millinery and Lace Goods	5		1	2		2									
Printing and Publishing	33		30	6											

TABLE IX—Continued.
HAMILTON COUNTY — Continued

Industry.	Number of establishments reporting.	Number of establishments in which the full time working hours per week were—											
		44 and under.	Over 44 but under 48.	Over 48 but under 54.	54.	Over 54 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.
MANUFACTURES—													
Automobiles, including Bodies and Parts	9	.....	.....	1	2	.....	.....	1	.....	.....	.....	.....	.....
Bags, Paper	3	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Baking Powder and Yeast	2	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
Boots and Shoes, including Cut Stock and Findings	30	.....	1	.....	6	21	.....	.....	.....	.....	.....	.....	.....
Boxes, Cigar	4	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Boxes, Fancy and Paper	16	.....	.....	3	4	1	4	1	.....	.....	.....	.....	.....
Brass and Bronze Products	6	1	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....
Bread and other Bakery Products	54	.....	2	5	22	2	1	1	.....	15	.....	2	3
Brick and Tile	7	.....	.....	2	2	.....	.....	.....	.....	3	.....	.....	.....
Butter, Cheese and Condensed Milk	3	.....	.....	.....	.....	.....	2	.....	.....	1	.....	.....	.....
Canning and Preserving Fruits and Vegetables	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carriages, Wagons and Materials	44	2	.....	4	1	6	.....	1	2	1	.....	.....	.....
Chemicals, Acids and Wood Distillation	13	1	.....	1	9	.....	.....	.....	.....	.....	.....	.....	.....
Clothing, Men's, including Shirts	71	1	.....	43	10	6	.....	1	.....	6	.....	.....	1
Clothing, Women's	26	3	.....	17	2	.....	.....	.....	.....	.....	.....	.....	.....
Coffee, Spices and Peanuts, Roasting and Grinding	9	.....	1	2	1	.....	.....	1	.....	1	.....	.....	.....
Confectionery and Ice Cream	18	.....	2	1	3	1	10	.....	.....	.....	.....	.....	.....
Coppers and Related Wooden Goods	11	.....	1	1	4	3	.....	2	.....	.....	.....	.....	.....
Copper, Tin and Sheet Iron Products	37	1	.....	12	11	6	1	1	.....	3	.....	.....	.....
Cotton Goods, including Cotton Small Wares	3	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....
Custom Tailoring, Men's and Women's	45	.....	1	2	12	1	.....	.....	.....	1	.....	.....	.....
Electrical Machinery, Apparatus and Supplies	19	.....	1	10	3	5	.....	.....	.....	.....	.....	.....	.....
Fancy Articles	4	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Fertilizers	5	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....

TABLE IX—Continued.
HAMILTON COUNTY—Concluded

Industry.	Number of establishments reporting.	Number of establishments in which the full time working hours per week were—													
		Over 44 and under 48.	Over 48.	Over 48 but under 54.	54.	Over 54 but under 56.	56.	Over 56 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.
MANUFACTURES—Concluded.															
Washing Machines and Clothes Wringers	3	.....	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....
Wirework, including Wire Rope and Cable	7	.....	.....	.....	1	2	.....	.....	.....	1	3	.....	.....	.....	.....
SERVICE—															
Amusement Parks	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Garages	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hotels	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Laundries and Dry Cleaners	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Office Buildings	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Restaurants	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saloons	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Theaters	31	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TRADE—															
Retail Delivery, Milk, Ice and Water	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Retail and Wholesale Stores	498	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yards, Coal and Lumber	71	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TRANSPORTATION AND PUBLIC UTILITIES—															
Carriage (Drayage) and Storage; including Livery Stables	49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Electric Light and Power	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Electric Railroads	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Telegraph and Telephone	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

JEFFERSON COUNTY

ALL INDUSTRIES	107	1	8	12	13	23	1	1	1	3	27	3	5	3	7
CONSTRUCTION—															
General Contracting	8		6								1			1	.....
Street, Road and Sewer Con- tracting	5		1			2					2			.....	.....
MANUFACTURES—															
Brick and Tile	3												3	.....	.....
Pottery, Terra-Cotta and Fire Clay Products	15				2	1					12			.....	.....
SERVICE—															
Laundries and Dry Cleaners	4			1	2	1								.....	.....
TRADE—															
Retail and Wholesale Stores	21				4	3	1				6	3	1	2

LICKING COUNTY

... INDUSTRIES	135	4	4	21	11	30	2	2	2	5	39	5	1	3	6
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TABLE IX—Continued.
LORAIN COUNTY

Industry.	Number of establishments report- ing.	Number of establishments in which the full time working hours per week were—														
		44 and under.	Over 44 but under 48.	48.	Over 48 but under 54.	54.	Over 54 but under 56.	56.	Over 56 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.
ALL INDUSTRIES	205	3	4	32	22	47	10	5	3	.....	5	61	4	.....	2	7
AGRICULTURE— General Farming	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
CONSTRUCTION— General Contracting	21	1	.....	13	.....	5	1	.....	.....	.....	.....	1	.....	.....	.....	.....
Street, Road and Sewer Con- tracting	6	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
MANUFACTURES— Foundry and Machine Shop Products	15	.....	.....	.....	1	1	4	.....	.....	.....	1	8	.....	.....	.....	.....
Printing and Publishing.....	10	.....	.....	5	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
SERVICE— Laundries and Dry Cleaners.....	4	.....	1	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TRADE— Retail and Wholesale Stores.....	35	.....	.....	1	10	8	.....	.....	.....	.....	.....	12	1	.....	.....	3
TRANSPORTATION AND PUB- LIC UTILITIES— Telegraph and Telephone.....	7	.....	1	.....	.....	4	.....	.....	1	.....	.....	.....	.....	.....	.....	1

LUCAS COUNTY

ALL INDUSTRIES	870	63	14	155	144	214	30	18	13	10	7	160	15	3	9	15
AGRICULTURE— Florists, Fruit serymen and Seedmen.....	10	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	6	1	.....	1	.....

INSTRUCTION—
Brick, Stone and Cement Work.
General Contracting.....
Painting and Decorating.....
Plumbing and Steam Fitting....
Sheet Metal Work and Roofing..
Street, Road and Sewer Con-
tracting.....

INSTRUCTION—
Brick, Stone and Cement Work.
General Contracting.....
Painting and Decorating.....
Plumbing and Steam Fitting....
Sheet Metal Work and Roofing..
Street, Road and Sewer Con-
tracting.....

MANUFACTURES—
Automobiles, including Bodies and Fairs.
Awmbres, Tents and Sails.
Brass and Bronze Products.
Bread and other Bakery Products.
Brick and Tiles.
Butter, Cheese and Condensed Milk.
Carriages and Sleds, Children's Carriages, Wagons and Materials.
Clothing, Women's.
Coffee, Spices and Peanuts, Roasting and Grinding.
Confectionery and Ice Cream.
Copper, Tin and Sheet Iron Products.
Electrical Machinery, Apparatus and Supplies.
Flour Mill and Grist Mill Products.
Foundry and Machine Shop Products.
Furniture and Refrigerators.
Glass, Cutting, Staining and Ornamenting.

MANUFACTURES—
Automobiles, including Bodies and Fairs.
Awmbres, Tents and Sails.
Brass and Bronze Products.
Bread and other Bakery Products.
Brick and Tiles.
Butter, Cheese and Condensed Milk.
Carriages and Sleds, Children's Carriages, Wagons and Materials.
Clothing, Women's.
Coffee, Spices and Peanuts, Roasting and Grinding.
Confectionery and Ice Cream.
Copper, Tin and Sheet Iron Products.
Electrical Machinery, Apparatus and Supplies.
Flour Mill and Grist Mill Products.
Foundry and Machine Shop Products.
Furniture and Refrigerators.
Glass, Cutting, Staining and Ornamenting.

TABLE IX—Continued.
LUCAS COUNTY—Concluded

Industry.	Number of establishments reporting.	Number of establishments in which the full time working hours per week were—														
		44 and under.	Over 44 but under 48.	48.	Over 48 but under 54.	54.	Over 54 but under 56.	56.	Over 56 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.
TRADE—																
Retail and Wholesale Stores.....	147	2	2	13	29	43	5	7	6	2	2	26	8		2	
Yards, Coal and Lumber.....	26				1	1	1			1		22				
TRANSPORTATION AND PUBLIC UTILITIES—																
Cartage (Drayage) and Storage, including Livery Stables.....	24			2	1	4						16		1		
Telegraph and Telephone.....	8			1	3	4										
MAHONING COUNTY																
ALL INDUSTRIES	344	7	7	104	17	79	7	4	16	1	3	57	11		11	20
CONSTRUCTION—																
Brick, Stone and Cement Work.....	12	3	3	3	1	2										
General Contracting.....	47	3		31		5		1	1			4			3	
Painting and Decorating.....	7			6		1										
Plumbing and Steam Fitting.....	15			15												
Sheet Metal Work and Roofing.....	10			8		1					1					
Street, Road and Sewer Contracting	19			3		8		1	2	1		4				
MANUFACTURES—																
Blast Furnace Products.....	3															3
Foundry and Machine Shop.....	15					6	3		2		1	3				
Liquors, Malting.....	3			2		1										
Lumber and Planing Mill Products	6				1	4			1							
Pottery, Terra-Cotta and Fire Clay Products	6															
Printing and Publishing.....	7				1	5										
Steel Works and Rolling Mills	1			7												1

[illegible]

TABLE IX—Continued.
MONTGOMERY COUNTY — Concluded

Industry.	Number of establishments reporting.	Number of establishments in which the full time working hours per week were—														
		44 and under.	Over 44 but under 48.	48.	Over 48 but under 54.	54.	Over 54 but under 56.	56.	Over 56 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.
MANUFACTURES—Concluded.																
Furniture and Refrigerators.....	7	.....	.....	.....	.....	3	1	1	.....	2	1	3	.....	.....	.....	.....
Ice, Manufactured.....	5	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liquors, Malt.....	6	.....	3	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lumber and Planing Mill Products.....	12	.....	1	1	1	4	1	.....	1	.....	1	3	.....	.....	.....	.....
Munitions.....	4	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paint and Varnish.....	8	.....	.....	.....	.....	.....	2	1	.....	.....	.....	1	.....	.....	.....	.....
Paper and Wood Pulp.....	2	.....	.....	.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and Publishing.....	23	2	1	10	9	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....
Pumps, not including Steam Pumps.....	3	.....	.....	.....	.....	.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....
Slaughtering and Meat Packing.....	4	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
Soaps and Candles.....	6	.....	.....	.....	1	.....	3	.....	.....	.....	.....	2	.....	.....	.....	.....
Tobacco Manufactures.....	29	.....	1	1	12	8	.....	.....	.....	2	.....	6	.....	.....	.....	.....
Toys and Games.....	3	.....	.....	.....	1	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
SERVICE—																
Garages.....	11	.....	.....	.....	2	.....	.....	.....	4	.....	1	3	.....	.....	1	1
Hotels.....	7	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Laundries and Dry Cleaners.....	10	.....	.....	.....	2	7	1	.....	.....	.....	.....	3	2	.....	.....	.....
Office Buildings.....	7	.....	.....	.....	.....	1	.....	.....	.....	.....	1	5	.....	.....	.....	.....
Restaurants.....	7	1	.....	.....	.....	1	.....	1	.....	.....	.....	1	.....	.....	.....	3
TRADE—																
Retail and Wholesale Stores.....	134	10	8	50	20	17	5	10	2	4	.....	8	.....	2	2	3
Yards, Coal and Lumber.....	27	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	12	.....	.....	.....	.....
TRANSPORTATION AND PUBLIC UTILITIES—																
Cartage (Drayage) and Storage, including Livery Stables.....	12	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	2
Electric Railroads.....	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....
Telegraph and Telephone.....	5	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MUSKINGUM COUNTY

ALL INDUSTRIES	209	8	6	30	23	33	7	7	3	5	62	9	2	6
CONSTRUCTION—														
General Contracting	9	.....	.....	5	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
Sand and Gravel Excavating	11	.....	.....	.....	.....	1	.....	.....	.....	.....	10	.....	.....	.....
Street, Road and Sewer Con- tracting	4	.....	.....	2	.....	1	.....	.....	.....	.....	1	.....	.....	.....
MANUFACTURES—														
Bread and other Bakery Prod- ucts	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Brick and Tile	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....
Carriages, Wagons and Materials	4	1	.....	.....	1	.....	.....	.....	.....	2	.....	.....	.....	.....
Clothing, Men's, Including Shirts	4	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Foundry and Machine Products	4	.....	.....	.....	1	2	1	.....	.....	.....	.....	.....	.....	.....
Pottery, Terra-Cotta and Fire Clay Products	20	1	1	1	2	2	4	2	.....	4	3	.....	.....	.....
Printing and Publishing	8	.....	.....	7	.....	1	.....	.....	.....	.....	2	.....	.....	.....
Woolen, Worsted and Felt Goods	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
SERVICE—														
Hotels	5	2	.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Laundries and Dry Cleaners	5	2	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....
TRADE—														
Retail and Wholesale Stores	46	.....	.....	2	11	10	2	2	.....	.....	6	8	1	4
TRANSPORTATION AND PUB- LIC UTILITIES—														
Telegraph and Telephone	4	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	1

STARK COUNTY

TABLE IX—Continued.
STARK COUNTY—Concluded

Industry.	Number of establishments reporting.	Number of establishments in which the full time working hours per week were—											
		44 and under.	Over 48.	Over 48 but under 54.	54.	Over 54 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	66.	Over 66 but under 72.	72 and over.
MANUFACTURES—Concluded.													
Brick and Tile.....	9			1	2			2	4				
Carriages, Wagons and Materials	4					1		1	1				
Clothing, Men's, including Shirts.	3		1	1	3								
Clothing, Women's.....	5	1			2								
Copper, Tin and Sheet Iron	12				2	8		2					
Products.....	6				2	1							
Cutlery and Tools.....	4			1									
Forgings.....	4		1					1				1	
Foundry and Machine Shop	44												
Products.....	3		3	11	10		3	9					1
Furniture and Refrigerators...	3							1					
Gas and Electric Fixtures and	3			2					1				
Lamps and Reflectors.....	5				4								
Liquors, Malt.....	5												
Pottery, Terra-Cotta and Fire	5			1		1			1				
Clay Products.....	13		13										
Printing and Publishing.....	4												
Rubber Products.....	4			1		2		1					
Steel Works and Rolling Mills...	3	1											2
Toys and Games.....	5			1	1	3							
SERVICE—													
Garages.....	5			1					4				1
Hotels.....	2								1				
Laundries and Dry Cleaners.....	6				6								
TRADE—													
Retail Delivery, Milk, Ice and	1												
Water.....	97	4	1	17	14	1	1	3	23	11	1	15	3
Retail and Wholesale Stores....	16		3		1	8			11				
Yards, Coal and Lumber.....													
TRANSPORTATION AND PUBLIC UTILITIES—													
Carriage (Drayage) and Storage,	4				1				8				
including Livery Stables.....	2								2				
Electric Light and Power.....	7				3							1	
Telegraph and Telephone.....			3										

TABLE IX—Concluded.
TRUMBULL COUNTY—Concluded.

Industry.	Number of establishments reporting.	Number of establishments in which the full time working hours per week were—										
		44 and under 48.	Over 48.	Over 48 but under 54.	54.	Over 54 but under 58.	58.	Over 58 but under 60.	60.	Over 60 but under 66.	Over 66 but under 72.	72 and over.
MANUFACTURES—												
Cars, Steam Railroad, not including operations of Railroad Companies.....	2				1				1			
Copper, Tin and Sheet Iron Products.....	7				1	4	1	1				
Electrical Machinery, Apparatus and Supplies.....	4			1		2		1				
Foundry and Machine Shop Products.....	15				5	5			2		1	
Furniture and Refrigerators.....	3	1			2							
Steel Works and Rolling Mills.....	9	2				1		1	4		1	
TRADE—												
Yards, Coal and Lumber.....	12		1	1	6			1	1	1		
TRANSPORTATION AND PUBLIC UTILITIES—												
Telegraph and Telephone.....	11		3		6					1	1	
TUSCARAWAS COUNTY												
ALL INDUSTRIES	136	2	1	17	9	25	6	3	5	3	54	7
CONSTRUCTION—												
Brick, Stone and Cement Work.....	5			2							3	
General Contracting.....	8			1		3					4	
MANUFACTURES—												
Brick and Tile.....	9										9	
Foundry and Machine Shop Products.....	5						2				3	
Pottery, Terra-Cotta and Fire Clay Products.....	16		1	1	1		1			13		
TRADE—												
Retail and Wholesale Stores.....	15	1			6	2			1	2	1	

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